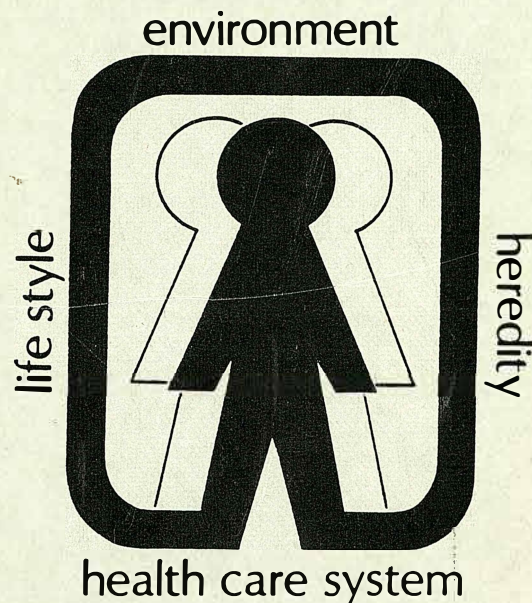


Missouri State Health Plan Data Appendix



MISSOURI STATE HEALTH PLAN

DATA APPENDIX

CHAPTER II

A. HEALTH STATUS

TABLE A-HS-1
TEN LEADING CAUSES OF DEATH
NUMBER, PERCENTAGE OF TOTAL, AND RATE PER 100,000 POPULATION
1977

Cause of Death	U.S.		MISSOURI			HSA I			HSA II			HSA III			HSA IV			HSA V		
	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate
Heart Disease	37.8%	332.3	18,435	37.8%	382.3	2,678	33.8%	308.4	4,633	38.5%	432.0	6,696	39.7%	369.8	2,364	37.1%	408.6	2,064	37.1%	419.4
Cancer	20.4	178.7	9,378	19.2	194.5	1,517	19.2	174.7	2,160	18.0	201.4	3,542	21.0	195.6	1,169	18.3	202.1	970	17.4	197.1
Cerebro-vascular Disease	9.6	84.1	5,090	10.4	105.6	838	10.6	96.5	1,475	12.3	137.5	1,523	9.0	84.1	680	10.7	117.5	574	10.3	116.6
Accidents	5.4	47.7	2,380	4.9	49.4	396	5.0	45.6	608	5.1	56.7	711	4.2	39.3	367	5.8	63.4	298	5.4	60.6
Influenza/Pneumonia	2.7	23.3	1,336	2.8	27.7	185	2.3	21.3	365	3.0	34.0	408	2.4	22.5	188	2.9	32.5	190	3.4	38.6
Diabetes	1.7	15.2	883	1.8	18.3	131	1.7	15.1	194	1.6	18.1	375	2.2	20.7	86	1.3	14.9	97	1.7	19.7
Arterio-sclerosis	1.5	13.3	788	1.6	16.3	153	1.9	17.6	227	1.9	21.2	246	1.5	13.6	103	1.6	17.8	59	1.1	12.0
Suicide	1.5	13.3	632	1.3	13.1	137	1.7	15.8	130	1.1	12.1	217	1.3	12.0	79	1.2	13.7	69	1.2	14.0
Cirrhosis of the Liver	1.6	14.3	562	1.2	11.7	100	1.3	11.5	89	0.7	8.3	269	1.6	14.9	48	0.8	8.3	56	1.0	11.4
Diseases of Early Infancy	1.2	10.8	534	1.1	11.1	132	1.7	15.2	118	1.0	11.0	175	1.0	9.7	62	1.0	10.7	47	0.8	9.6
All Other Causes	12.8	112.0	8,743	17.9	181.3	1,644	20.8	189.3	2,026	16.8	188.9	2,718	16.1	150.1	1,231	19.3	212.8	1,144	20.6	232.5
TOTAL	100.0%	878.1	48,761	100.0%	1011.2	7,911	100.0%	911.1	12,025	100.0%	1121.2	16,880	100.0%	932.3	6,377	100.0%	1102.3	5,568	100.0%	1131.5

Source: 1, 3.

TABLE A-HS-2
TEN LEADING CAUSES OF DEATH
NUMBER, PERCENTAGE OF TOTAL, AND RATE PER 100,000 POPULATION
1978

Cause of Death	U.S.		MISSOURI			HSA I			HSA II			HSA III			HSA IV			HSA V		
	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate
Heart Disease	37.8%	334.3	18,383	37.4%	379.5	2,648	32.9%	303.0	4,712	37.7%	439.0	6,679	40.0%	368.5	2,239	35.4%	380.5	2,105	37.4%	424.6
Cancer	20.6	181.9	9,782	19.9	201.9	1,629	20.2	186.4	2,275	18.2	212.0	3,632	21.7	200.4	1,238	19.6	210.4	1,008	17.9	203.3
Cerebrovascular Disease	9.1	80.5	4,724	9.6	97.5	796	9.9	91.1	1,412	11.3	131.6	1,367	8.2	75.4	645	10.2	109.6	504	8.9	101.7
Accidents	5.5	48.4	2,485	5.0	51.3	427	5.3	48.9	647	5.2	60.3	730	4.4	40.3	344	5.4	58.5	337	6.0	68.0
Influenza/Pneumonia	3.0	26.7	1,633	3.3	33.7	198	2.5	22.6	499	4.0	46.5	463	2.8	25.5	243	3.8	41.3	230	4.1	46.4
Arteriosclerosis	1.5	13.3	815	1.7	16.8	125	1.5	14.3	274	2.2	25.5	254	1.5	14.0	97	1.5	16.5	65	1.1	13.1
Diabetes	1.8	15.5	809	1.6	16.7	133	1.6	15.2	188	1.5	17.5	311	1.9	17.2	79	1.2	13.4	98	1.7	19.8
Suicide	1.4	12.5	592	1.2	12.2	135	1.7	15.4	121	1.0	11.3	196	1.2	10.8	80	1.3	13.6	60	1.1	12.1
Diseases of Early Infancy	1.1	10.1	574	1.2	11.8	168	2.1	19.2	110	0.9	10.2	205	1.2	11.3	48	0.8	8.2	43	0.8	8.7
Cirrhosis of the Liver	1.6	13.8	541	1.1	11.2	113	1.4	12.9	99	0.8	9.2	219	1.3	12.1	55	0.9	9.3	55	1.0	11.1
All Other Causes	16.6	146.5	8,869	18.0	183.1	1,687	20.9	193.0	2,147	17.2	200.0	2,649	15.8	146.2	1,258	19.9	213.8	1,128	20.0	227.5
TOTAL	100.0%	883.4	49,207	100.0%	1015.8	8,059	100.0%	922.1	12,484	100.0%	1163.1	16,705	100.0%	921.7	6,326	100.0%	1075.1	5,633	100.0%	1136.1

Source: 1, 4.

TABLE A-HS-3
 TWELVE LEADING CAUSES OF DEATH
 NUMBER, PERCENTAGE OF TOTAL, AND RATE PER 100,000 POPULATION
 1979

Cause of Death	U.S.		MISSOURI			HSA I			HSA II			HSA III			HSA IV			HSA V		
	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate	Number	Percent	Rate
Heart Disease	38.3%	331.3	17,917	37.6%	369.0	2,619	33.8%	299.8	4,642	39.1%	432.3	6,628	40.0%	363.6	2,068	34.2%	349.6	1,958	36.2%	396.0
Cancer	21.2	183.5	9,871	20.7	203.3	1,627	21.0	186.3	2,272	19.1	211.6	3,645	22.0	200.0	1,219	20.2	206.0	1,108	20.5	224.1
Cerebro-vascular Disease	8.9	76.9	4,499	9.4	92.6	733	9.5	83.9	1,335	11.2	124.3	1,336	8.1	73.3	632	10.5	106.8	463	8.6	93.6
Accidents	5.5	47.9	2,300	4.8	47.4	397	5.1	45.4	593	5.0	55.2	679	4.1	37.3	311	5.1	52.6	320	5.9	64.7
Chronic Pulmonary Disease	2.6	22.7	1,312	2.8	27.0	259	3.3	29.7	324	2.7	30.2	378	2.3	20.7	185	3.1	31.3	166	3.1	33.6
Pneumonia/Influenza	2.3	20.0	1,193	2.5	24.6	142	1.8	16.3	331	2.8	30.8	380	2.3	20.8	175	2.9	29.6	165	3.1	33.4
Arterio-sclerosis	1.5	13.0	780	1.6	16.1	89	1.1	10.2	256	2.2	23.8	257	1.5	14.1	98	1.6	16.6	80	1.5	16.2
Diabetes	1.7	15.0	737	1.5	15.2	102	1.3	11.7	167	1.4	15.6	311	1.9	17.1	69	1.1	11.7	88	1.6	17.8
Homicide & Legal Intervention	1.2	10.5	572	1.2	11.8	131	1.7	15.0	31	0.3	2.9	344	2.1	18.9	37	0.6	6.3	29	0.5	5.9
Suicide	1.5	12.6	571	1.2	11.8	122	1.6	14.0	117	1.0	10.9	211	1.3	11.6	63	1.0	10.6	58	1.1	11.7
Diseases of Early Infancy	1.2	10.4	548	1.1	11.3	125	1.6	14.3	82	0.7	7.6	221	1.3	12.1	67	1.1	11.3	53	1.0	10.7
Liver Disease & Cirrhosis	1.6	13.6	516	1.1	10.6	110	1.4	12.6	73	0.6	6.8	227	1.4	12.5	60	1.0	10.1	46	0.8	9.3
All Other Causes	12.5	N/A	6,840	14.4	140.9	1,303	16.8	149.2	1,653	13.9	154.0	1,947	11.7	106.8	1,063	17.6	179.7	874	16.1	176.7
TOTAL	100.0%	866.2	47,656	100.0%	981.4	7,759	100.0%	888.3	11,876	100.0%	1106.1	16,564	100.0%	908.8	6,047	100.0%	1022.1	5,408	100.0%	1093.6

Source: 1, 5.

TABLE A-HS-4
 TWELVE LEADING CAUSES OF DEATH BY RACE WITH PERCENTAGES
 RESIDENT DATA: MISSOURI 1979

RANK (ALL RACES)	NUMBER	PERCENT OF TOTAL
1. DISEASES OF HEART	17,917	37.6
2. MALIGNANT NEOPLASMS	9,871	20.7
3. CEREBROVASCULAR DISEASE	4,499	9.4
4. ACCIDENTAL DEATHS	2,300	4.8
5. CHRONIC PULMONARY DISEASE	1,312	2.8
6. PNEUMONIA & INFLUENZA	1,193	2.5
7. ATHEROSCLEROSIS	780	1.6
8. DIABETES MELLITUS	737	1.5
9. HOMICIDE & LEGAL INTERV	572	1.2
10. SUICIDE	571	1.2
11. DISEASES OF EARLY INFANCY	548	1.1
12. LIVER DISEASE & CIRRHOSIS	516	1.1
ALL OTHER CAUSES	6,840	14.4
TOTAL (ALL CAUSES)	47,656	100.0

RANK (WHITE)	NUMBER	PERCENT OF TOTAL	RANK (BLACK & OTHER)	NUMBER	PERCENT OF TOTAL
1. DISEASES OF HEART	16,456	38.5	1. DISEASES OF HEART	1,461	30.0
2. MALIGNANT NEOPLASMS	8,849	20.7	2. MALIGNANT NEOPLASMS	1,022	21.0
3. CEREBROVASCULAR DISEASE	4,129	9.6	3. CEREBROVASCULAR DISEASE	370	7.6
4. ACCIDENTAL DEATHS	2,083	4.9	4. HOMICIDE & LEGAL INTERV	340	7.0
5. CHRONIC PULMONARY DISEASE	1,232	2.9	5. ACCIDENTAL DEATHS	217	4.5
6. PNEUMONIA & INFLUENZA	1,093	2.6	6. DISEASES OF EARLY INFANCY	167	3.4
7. ATHEROSCLEROSIS	746	1.7	7. DIABETES MELLITUS	109	2.2
8. DIABETES MELLITUS	628	1.5	8. PNEUMONIA & INFLUENZA	100	2.1
9. SUICIDE	537	1.3	9. LIVER DISEASE & CIRRHOSIS	88	1.8
10. LIVER DISEASE & CIRRHOSIS	428	1.0	10. CHRONIC PULMONARY DISEASE	80	1.6
11. DISEASES OF EARLY INFANCY	381	0.9	11. NEPHRITIS & NEPHROSIS	76	1.6
12. NEPHRITIS & NEPHROSIS	354	0.8	12. CONGENITAL ANOMALIES	40	0.8
ALL OTHER CAUSES	5,874	13.7	ALL OTHER CAUSES	796	16.4
TOTAL (ALL CAUSES)	42,790	100.0	TOTAL (ALL CAUSES)	4,866	100.0

Reference: 5

TABLE A-HS-5
FIVE LEADING CAUSES OF DEATH FOR SELECTED AGE GROUPS
WITH PERCENTAGES, RESIDENT DATA: MISSOURI 1979

CAUSES BY AGE GROUPS	NUMBER	PERCENT OF TOTAL	CAUSES BY AGE GROUPS	NUMBER	PERCENT OF TOTAL
UNDER 1 YEAR			45-54 YEARS		
1. DISEASES OF EARLY INFANCY	547	52.5	1. MALIGNANT NEOPLASMS	953	33.3
2. CONGENITAL ANOMALIES	223	21.4	2. DISEASES OF HEART	826	28.8
3. ACCIDENTAL DEATHS	32	3.1	3. ACCIDENTAL DEATHS	180	6.3
4. PNEUMONIA & INFLUENZA	20	1.9	4. CEREBROVASCULAR DISEASE	126	4.4
5. DISEASES OF HEART	8	0.8	5. LIVER DISEASE & CIRRHOSIS	94	3.3
TOTAL (ALL CAUSES)	1,042	100.0	TOTAL (ALL CAUSES)	2,865	100.0
1-4 YEARS			55-64 YEARS		
1. ACCIDENTAL DEATHS	59	38.6	1. DISEASES OF HEART	2,167	34.3
2. CONGENITAL ANOMALIES	24	15.7	2. MALIGNANT NEOPLASMS	2,087	33.1
3. MALIGNANT NEOPLASMS	7	4.6	3. CEREBROVASCULAR DISEASE	335	5.3
4. HOMICIDE & LEGAL INTERV.	6	3.9	4. CHRONIC PULMONARY DISEASE	206	3.3
5. DISEASES OF HEART	5	3.3	5. ACCIDENTAL DEATHS	182	2.9
TOTAL (ALL CAUSES)	153	100.0	TOTAL (ALL CAUSES)	6,313	100.0
5-14 YEARS			65-74 YEARS		
1. ACCIDENTAL DEATHS	119	50.6	1. DISEASES OF HEART	4,427	38.9
2. MALIGNANT NEOPLASMS	35	14.9	2. MALIGNANT NEOPLASMS	3,079	27.1
3. HOMICIDE & LEGAL INTERV.	13	5.5	3. CEREBROVASCULAR DISEASE	904	7.9
4. CONGENITAL ANOMALIES	12	5.1	4. CHRONIC PULMONARY DISEASE	481	4.2
5. PNEUMONIA & INFLUENZA	6	2.6	5. ACCIDENTAL DEATHS	236	2.1
TOTAL (ALL CAUSES)	235	100.0	TOTAL (ALL CAUSES)	11,373	100.0
15-24 YEARS			75-84 YEARS		
1. ACCIDENTAL DEATHS	588	51.9	1. DISEASES OF HEART	5,726	43.6
2. HOMICIDE & LEGAL INTERV.	187	16.5	2. MALIGNANT NEOPLASMS	2,384	18.1
3. SUICIDE	108	9.5	3. CEREBROVASCULAR DISEASE	1,669	12.7
4. MALIGNANT NEOPLASMS	54	4.8	4. CHRONIC PULMONARY DISEASE	426	3.2
5. DISEASES OF HEART	31	2.7	5. PNEUMONIA & INFLUENZA	381	2.9
TOTAL (ALL CAUSES)	1,134	100.0	TOTAL (ALL CAUSES)	13,146	100.0
25-34 YEARS			85-YEARS & OVER		
1. ACCIDENTAL DEATHS	305	32.5	1. DISEASES OF HEART	4,427	47.7
2. HOMICIDE & LEGAL INTERV.	158	16.8	2. CEREBROVASCULAR DISEASE	1,396	15.0
3. SUICIDE	119	12.7	3. MALIGNANT NEOPLASMS	895	9.6
4. MALIGNANT NEOPLASMS	94	10.0	4. PNEUMONIA & INFLUENZA	442	4.8
5. DISEASES OF HEART	63	6.7	5. ATHEROSCLEROSIS	440	4.7
TOTAL (ALL CAUSES)	938	100.0	TOTAL (ALL CAUSES)	9,290	100.0
35-44 YEARS					
1. MALIGNANT NEOPLASMS	276	23.9			
2. DISEASES OF HEART	227	19.6			
3. ACCIDENTAL DEATHS	183	15.8			
4. HOMICIDE & LEGAL INTERV.	82	7.1			
5. SUICIDE	74	6.4			
TOTAL (ALL CAUSES)	1,157	100.0			

A-HS-5

A-HS-6
TABLE A-HS-6
M I S S O U R I

Fiscal Year	Primary & Secondary Syphilis	Early Latent Syphilis	Total Syphilis	Gonorrhea
1946	2,575	3,582	11,715	6,084
1947	3,131	3,154	10,036	7,261
1948	1,991	2,435	7,684	6,255
1949	1,310	1,952	6,552	5,557
1950	868	1,576	5,896	4,805
1951	577	1,425	5,456	4,337
1952	291	1,150	4,884	4,343
1953	163	725	3,702	4,281
1954	157	526	3,077	3,615
1955	71	364	3,278	4,431
1956	92	324	4,862	5,357
1957	79	416	4,705	5,214
1958	63	379	3,530	5,897
1959	74	379	3,297	6,526
1960	92	323	2,944	6,897
1961	143	389	3,710	8,251
1962	190	396	4,265	7,797
1963	210	304	3,834	7,952
1964	225	308	3,794	8,793
1965	267	265	4,238	9,443
1966	214	183	3,423	8,622
1967	101	99	3,461	9,105
1968	181	138	3,528	11,539
1969	188	184	3,646	13,027
1970	258	159	3,479	13,663
1971	265	207	3,795	15,026
1972	166	171	3,012	16,869
1973	100	101	3,458	16,541
1974	337	172	2,289	14,383
1975	369	236	3,025	17,233
1976	210	184	2,208	19,692
1977	169	145	1,509	21,160
1978	149	173	1,897	20,769
1979	151	140	1,042	22,954

TABLE A-HS-7
PRIMARY & SECONDARY SYPHILIS AND GONORRHEA

Age - 19 and under

<u>Fiscal Year</u>	<u>Primary & Secondary Syphilis</u>	<u>Gonorrhea</u>	<u>Total</u>
1962	52	1,911	1,963
1963	34	2,049	2,083
1964	53	2,825	2,878
1965	49	2,458	2,507
1966	23	2,268	2,291
1967	22	2,833	2,855
1968	33	3,209	3,242
1969	28	3,548	3,576
1970	59	3,723	3,782
1971	45	3,792	3,837
1972	23	4,644	4,667
1973	20	4,784	4,804
1974	70	3,979	4,049
1975	50	4,622	4,672
1976	30	5,153	5,183
1977	22	5,340	5,362
1978	25	4,982	5,007
1979	28	6,279	6,307

Reference: 14

A-HS-8

TABLE A-HS-8

S T. L O U I S C I T Y

Fiscal Year	Primary & Secondary Syphilis	Early Latent Syphilis	Total Syphilis	Gonorrhea
1947	2,198	2,401	7,054	4,719
1948	925	1,599	4,386	4,091
1949	546	1,120	3,300	3,468
1950	371	845	2,880	2,647
1951	223	738	2,540	2,220
1952	114	516	2,163	2,364
1953	61	313	1,435	2,934
1954	65	213	1,200	2,108
1955	17	168	1,358	2,788
1956	33	199	3,407	3,892
1957	27	271	2,863	3,800
1958	36	268	2,041	4,218
1959	25	221	1,388	4,580
1960	33	167	1,220	4,922
1961	56	175	1,242	4,944
1962	102	226	1,710	4,914
1963	117	139	1,257	4,917
1964	106	149	1,202	5,232
1965	192	150	1,723	4,783
1966	126	96	1,194	4,560
1967	54	36	1,086	5,230
1968	141	103	1,242	6,887
1969	138	133	1,468	7,525
1970	147	98	1,251	7,047
1971	162	132	1,358	6,713
1972	94	93	830	7,055
1973	49	43	841	7,030
1974	227	112	800	6,402
1975	158	96	1,157	7,362
1976	94	64	950	8,406
1977	38	39	679	9,105
1978	23	15	805	8,383
1979	40	30	318	10,146

A-HS-9

TABLE A-HS-9
K A N S A S C I T Y

Fiscal Year	Primary & Secondary Syphilis	Early Latent Syphilis	Total Syphilis	Gonorrhea
1947	256	367	1,060	1,220
1948	236	319	951	1,353
1949	131	267	794	1,140
1950	105	230	723	1,125
1951	82	168	496	1,053
1952	82	235	888	832
1953	32	150	829	495
1954	19	109	614	570
1955	11	128	864	691
1956	5	67	525	603
1957	26	83	1,007	629
1958	11	97	1,116	840
1959	8	110	1,256	1,048
1960	40	129	1,150	1,276
1961	53	140	1,542	2,590
1962	47	86	1,268	2,149
1963	48	88	1,182	2,042
1964	84	70	1,165	2,438
1965	40	42	1,010	2,671
1966	40	50	935	2,806
1967	16	38	1,010	2,577
1968	11	13	1,020	3,180
1969	17	18	975	3,851
1970	39	23	960	4,951
1971	51	32	977	6,032
1972	40	43	769	7,072
1973	17	22	886	5,323
1974	47	29	784	3,736
1975	117	84	817	4,522
1976	65	66	551	5,257
1977	91	69	335	6,034
1978	85	105	476	6,457
1979	66	70	329	7,143

TABLE A-HS-10

COMPOSITE ESTIMATES OF PERCENT PERSONS WITH LIMITATION OF ACTIVITY DUE TO CHRONIC CONDITIONS
 BY DEGREE OF LIMITATION AND SELECTED CHARACTERISTICS:
 UNITED STATES, NORTH CENTRAL REGION, AND MISSOURI
 1974-1976

Area and Characteristic	Not Limited In Activity	Limited In Activity	Limited In Amount Of Kind Of Major Activity	Unable To Carry On Major Activity
Total U.S. %	85.7%	14.3%	7.3%	3.4%
Total North Central Region %	86.4%	13.6%	7.3%	2.8%
Total Missouri %	83.0%	17.0%	9.0%	4.0%
U.S. SEX				
Male	85.7%	14.3%	5.5%	5.2%
Female	85.8%	14.2%	8.9%	1.8%
North Central Region SEX				
Male	86.4%	13.6%	7.3%	2.8%
Female	86.4%	13.6%	8.8%	1.3%
Missouri SEX				
Male	83.0%	17.0%	7.0%	6.0%
Female	84.0%	16.0%	11.0%	2.0%
U.S. COLOR				
White	85.7%	14.3%	7.3%	3.3%
All Other	85.8%	14.2%	7.4%	4.2%
North Central Region COLOR				
White	86.2%	13.8%	7.3%	2.7%
All Other	87.7%	12.3%	6.8%	3.8%
Missouri COLOR				
White	83.0%	17.0%	9.0%	4.0%
All Other	87.0%	13.0%	7.0%	4.0%

Reference: 18.

TABLE A-HS-11

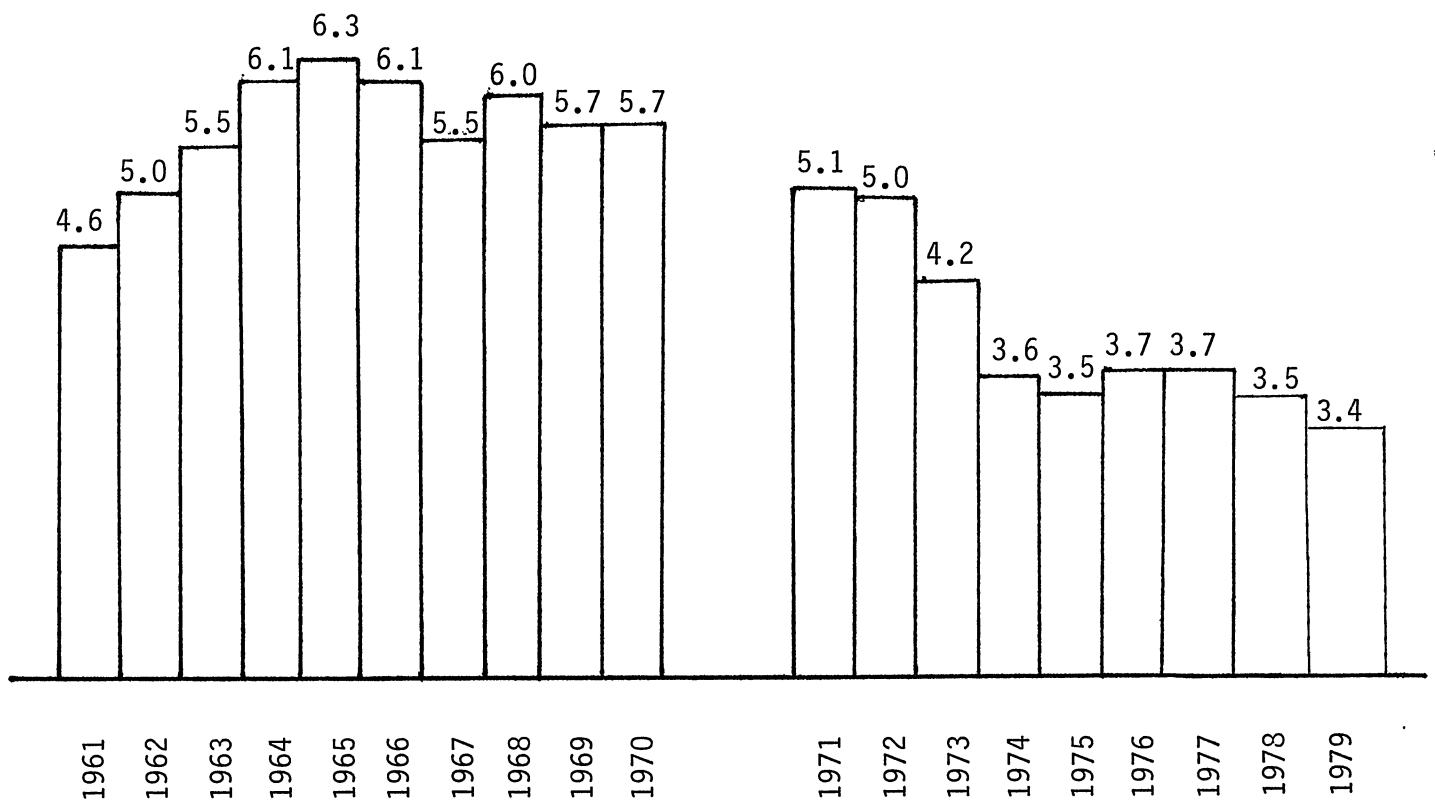
NUMBER AND PERCENTAGE OF DENTAL VISITS PER PERSON PER YEAR
 BY SELECTED CHARACTERISTICS:
 U.S., NORTH CENTRAL REGION, MISSOURI 1974-1976

Area and Characteristics	Dental Visits	
	Number of Visits Per Person Per Year	Percent of Per- sons With Visit In a Year
U.S. Total	1.6	49.5%
North Central Region Total	1.6	51.6%
Missouri Total	1.0	44.0%
U.S. SEX		
Male	1.5	47.6%
Female	1.8	51.2%
NORTH CENTRAL REGION SEX		
Male	1.5	49.9%
Female	1.7	53.3%
MISSOURI SEX		
Male	1.0	43.0%
Female	1.0	47.0%
U.S. COLOR		
White	1.7	51.6%
All Others	1.0	35.3%
NORTH CENTRAL REGION COLOR		
White	1.7	53.1%
All Others	1.1	37.4%
MISSOURI COLOR		
White	1.0	45.0%
All Others	1.0	35.0%

Reference: 18.

FIGURE A-HS-1

Missouri's Traffic Fatality Rate
(Per 100 Million Miles of Travel)

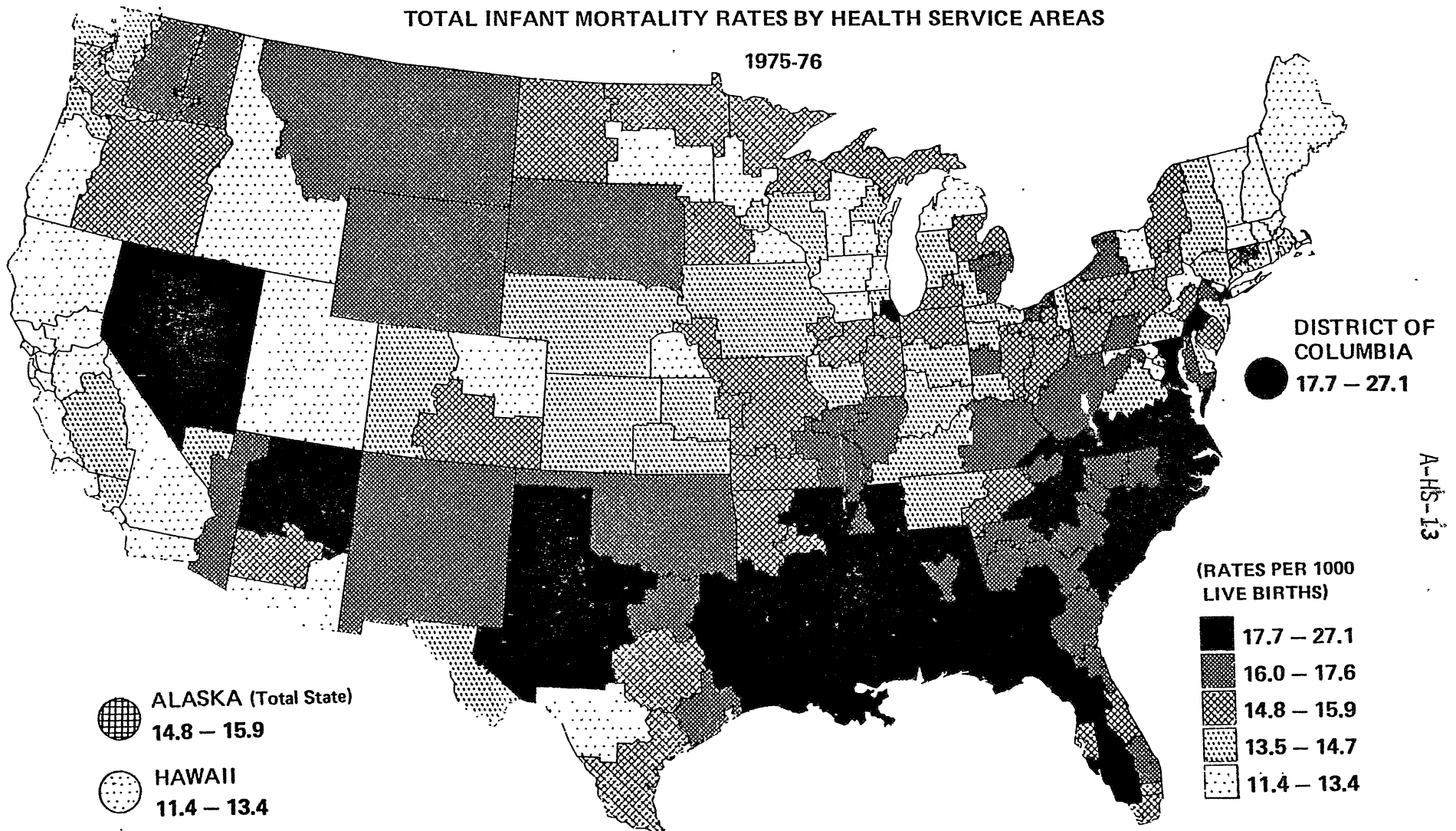


Reference: 19, 20, 21.

MAP A-HS-1

TOTAL INFANT MORTALITY RATES BY HEALTH SERVICE AREAS

1975-76



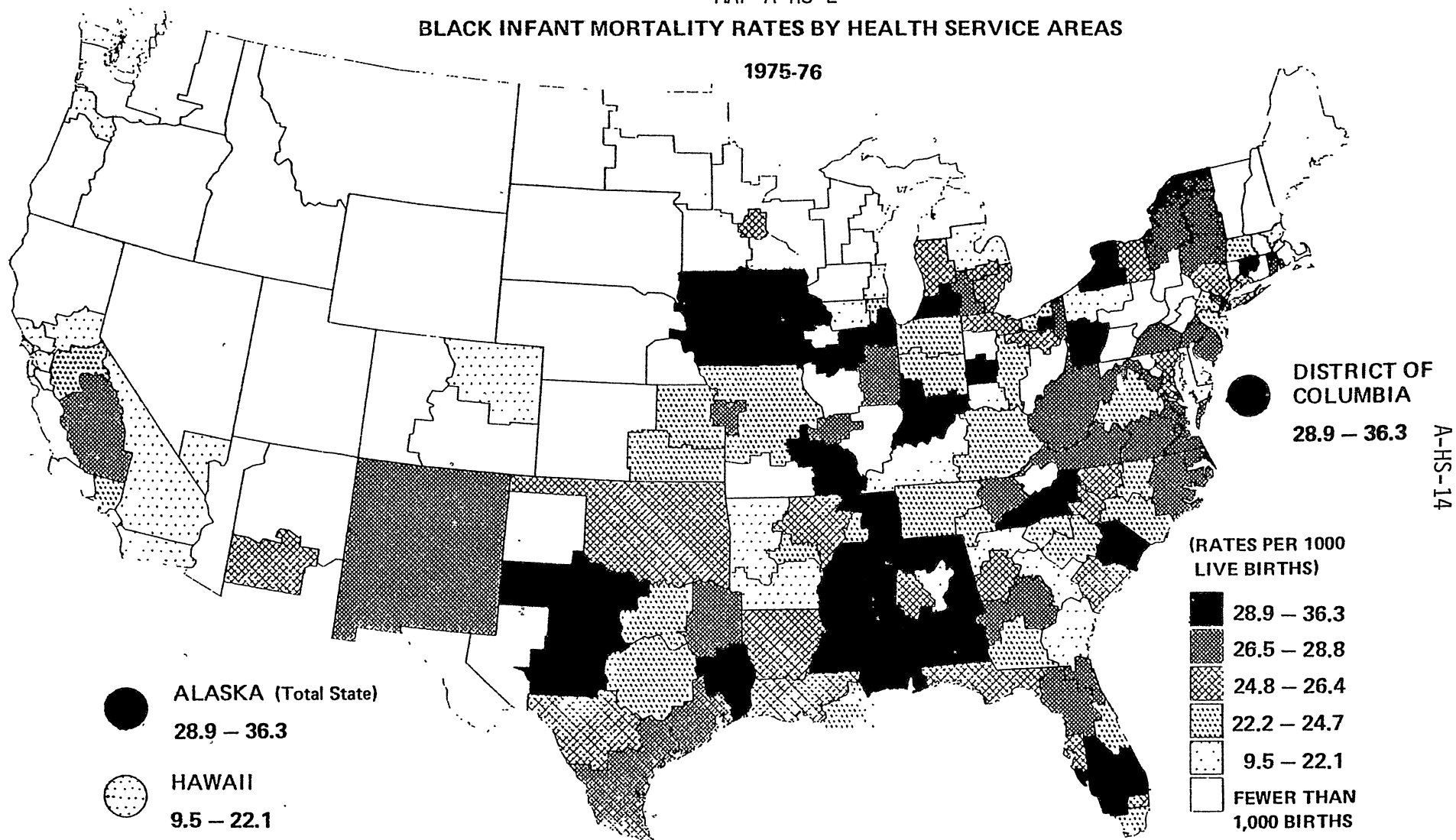
A-HS-13

Reference: 23.

MAP A-HS-2

BLACK INFANT MORTALITY RATES BY HEALTH SERVICE AREAS

1975-76



Reference: 23.

TABLE A-HS-12

NUMBER OF AND PERCENT OF ANNUAL DENTAL VISITS
FOR PERSONS UNDER 17 YEARS OF AGE
U.S., NORTH CENTRAL REGION, AND MISSOURI
1974-1976

DENTAL VISITS	TOTAL U.S.	TOTAL NORTH CENTRAL REGION	MISSOURI
Number of Visits Per Person Per Year	1.5	1.6	1.0
Percent of Persons With an Annual Visit	50.5%	54.4%	49.0%

Reference: 18.

TABLE A-HS-13

ESTIMATES OF THE PERCENT OF PERSONS AGE 45-64
WITH LIMITATION OF ACTIVITY DUE TO CHRONIC CONDITIONS BY DEGREE OF
LIMITATION FOR U.S., NORTH CENTRAL REGION, AND MISSOURI 1974-1976

	U.S. PERSONS 45-64	NORTH CENTRAL REGION PERSONS 45-64	MISSOURI PERSONS 45-64
Percent Persons Not Limited in Activity	76.0	77.3	75
Percent Persons Limited in Activity	24.0	22.7	25
Percent Persons Limited in Amount or Kind of Major Activity	13.2	12.9	14
Percent Persons Unable to Carry on Major Activity	5.7	4.6	5

Reference: 18.

TABLE A-HS-14
 ESTIMATES OF THE PERCENT OF PERSONS WITH LIMITATION
 OF ACTIVITY DUE TO CHRONIC CONDITIONS BY DEGREE OF LIMITATION,
 FOR PERSONS 65+: UNITED STATES, NORTH CENTRAL REGION, AND MISSOURI
 1974-1976

	U.S.	NORTH CENTRAL REGION	MISSOURI
Not Limited in Activity	54.0	56.3	53
Limited in Activity	46.0	43.7	47
Limited in Amount or Kind of Major Activity	22.4	23.0	25
Unable to Carry On Major Activity	17.3	14.3	16

Reference: 18.

TABLE A-HS-15
 ESTIMATES OF UTILIZATION AND NUMBER AND PERCENT
 OF DENTAL VISITS PER PERSON 65+ PER YEAR:
 U.S., NORTH CENTRAL REGION, AND MISSOURI 1974-1976

DENTAL VISITS	U.S.	NORTH CENTRAL REGION	MISSOURI
Number of Visits Per Person Per Year	1.2	1.1	1
Percent of Persons With Visit in Year	29.5%	28.9%	25%

Reference: 18.

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22. Missouri State Plan for Comprehensive Mental Health Services for FY 1978-1979, Missouri Department of Mental Health, 1978.
23. National Center for Health Statistics, 1978.

B. GENERAL DESCRIPTION OF THE STATE

A-GDS-1

TABLE A-GDS-1
POPULATION TRENDS

Area	1950	1960	1970	1980	1990
Missouri	3,954,653	4,319,813	4,676,501	4,883,000	5,288,500
HSA I	636,486	779,333	867,008	885,600	924,800
HSA II	984,947	992,998	1,025,543	1,109,500	1,206,100
HSA III	1,367,032	1,617,471	1,826,907	1,769,800	1,823,700
HSA IV	466,439	462,791	505,979	617,600	768,200
HSA V	499,749	467,220	451,064	500,500	565,700
Reference: 1, 2.					

TABLE A-GDS-2
PERCENT CHANGE IN TOTAL POPULATION
1950-1990

Area	1950-60	1960-70	1970-80	1980-90
Missouri	9.2%	8.3%	4.4%	8.3%
HSA I	22.4%	11.2%	2.1%	4.4%
HSA II	0.8%	3.3%	8.2%	8.7%
HSA III	18.3%	12.9%	-3.1%	3.0%
HSA IV	-0.8%	9.3%	22.1%	24.4%
HSA V	-6.5%	-3.5%	11.0%	13.0%
References: 1, 2.				

TABLE A-GDS-3
BIRTHS, DEATHS, AND NET MIGRATION

	Missouri	HSA I	HSA II	HSA III	HSA IV	HSA V
1950 Census	3,954,653	636,486	984,947	1,367,032	466,439	499,749
Births 1950-1959	<u>933,014</u>	<u>173,035</u>	<u>182,684</u>	<u>378,795</u>	<u>88,911</u>	<u>109,589</u>
	4,887,667	809,521	1,167,631	1,745,827	555,350	609,338
Deaths 1950-1959	<u>449,784</u>	<u>74,374</u>	<u>120,824</u>	<u>156,375</u>	<u>50,658</u>	<u>47,553</u>
	4,437,883	735,147	1,046,807	1,589,452	504,692	561,785
1960 Census	<u>4,319,813</u>	<u>779,333</u>	<u>992,998</u>	<u>1,617,471</u>	<u>462,791</u>	<u>467,220</u>
Net Migration	-118,070	+44,186	-53,809	+28,019	-41,901	-94,565
Births 1960-1969	<u>854,304</u>	<u>170,993</u>	<u>161,357</u>	<u>356,792</u>	<u>79,250</u>	<u>85,912</u>
	5,174,117	950,326	1,154,355	1,974,263	542,041	553,132
Deaths 1960-1969	<u>501,465</u>	<u>83,004</u>	<u>129,529</u>	<u>174,802</u>	<u>59,273</u>	<u>54,857</u>
	4,672,652	867,322	1,024,826	1,799,461	482,768	498,275
1970 Census	<u>4,676,501</u>	<u>867,008</u>	<u>1,025,543</u>	<u>1,826,907</u>	<u>505,979</u>	<u>451,064</u>
Net Migration 1960-1969	+3,849	-314	+717	+27,446	+23,211	-47,211
Reference: 2.						

A-GDS-3

TABLE A-GDS-4
POPULATION DENSITY - 1950

AREA	TOTAL POPULATION	LAND AREA SQUARE MILES	POPULATION PER SQUARE MILE
United States	N/A	N/A	42.6
Missouri	3,954,653	69,226	57.1
HSA I	636,486	2,702	235.6
HSA II	984,947	34,694	28.4
HSA III	1,367,032	2,718	503.0
HSA IV	466,439	14,635	31.9
HSA V	499,749	14,477	34.5

TABLE A-GDS-5
POPULATION DENSITY - 1960

AREA	TOTAL POPULATION	LAND AREA SQUARE MILES	POPULATION PER SQUARE MILE
United States	N/A	N/A	50.6
Missouri	4,319,813	69,138	62.5
HSA I	779,333	2,708	287.8
HSA II	992,998	34,700	28.6
HSA III	1,617,471	2,718	595.1
HSA IV	462,791	14,541	31.8
HSA V	467,220	14,471	32.3

TABLE A-GDS-6
POPULATION DENSITY - 1970

AREA	TOTAL POPULATION	LAND AREA SQUARE MILES	POPULATION PER SQUARE MILE
United States	N/A	N/A	57.5
Missouri	4,676,501	69,000	67.8
HSA I	867,008	2,713	319.6
HSA II	1,025,543	34,594	29.6
HSA III	1,826,907	2,713	673.4
HSA IV	505,979	14,494	34.9
HSA V	451,064	14,486	31.1

Reference: 2.

A-GDS-4

TABLE A-GDS-7
POPULATION DISTRIBUTION - URBAN, RURAL, FARM - 1950

AREA	URBAN		RURAL		FARM	
	NUMBER	%	NUMBER	%	NUMBER	% OF RURAL
United States	N/A	64.0	N/A	36.0	N/A	42.5
Missouri	2,432,715	61.5	1,521,938	38.5	863,496	56.7
HSA I	539,960	84.8	96,526	15.2	37,002	38.3
HSA II	346,648	35.2	638,299	64.8	382,100	59.9
HSA III	1,245,142	91.1	121,890	8.9	37,832	31.0
HSA IV	161,820	34.7	304,619	65.3	194,400	63.8
HSA V	139,145	27.8	360,604	72.2	212,162	58.8

TABLE A-GDS-8
POPULATION DISTRIBUTION - URBAN, RURAL, FARM - 1960

AREA	URBAN		RURAL		FARM	
	NUMBER	%	NUMBER	%	NUMBER	% OF RURAL
United States	N/A	69.9	N/A	30.1	N/A	25.0
Missouri	2,876,557	66.6	1,443,256	33.4	540,798	37.5
HSA I	623,585	80.0	155,748	20.0	25,304	16.2
HSA II	385,328	38.8	607,670	61.2	265,792	43.7
HSA III	1,464,890	90.6	152,581	9.4	19,359	12.7
HSA IV	187,812	40.6	274,979	59.4	109,419	39.8
HSA V	156,506	33.5	310,714	66.5	120,924	38.9

TABLE A-GDS-9
POPULATION DISTRIBUTION - URBAN, RURAL, FARM - 1970

AREA	URBAN		RURAL		FARM	
	NUMBER	%	NUMBER	%	NUMBER	% OF RURAL
United States	N/A	73.5	N/A	26.5	N/A	15.4
Missouri	3,277,662	70.1	1,398,839	29.9	359,319	25.7
HSA I	775,024	89.4	91,984	10.6	17,934	19.5
HSA II	476,558	46.5	548,985	53.5	192,398	35.0
HSA III	1,620,070	88.7	206,837	11.3	13,226	6.4
HSA IV	224,119	44.3	281,860	55.7	77,356	27.4
HSA V	175,874	39.0	275,190	61.0	58,405	21.2

References: 2, 3.

A-GDS-5

TABLE A-GDS-10
RACE DISTRIBUTION - 1950

Area	White		Non-White	
	Number	Percent	Number	Percent
United States	N/A	89.5	N/A	10.5
Missouri	3,655,593	92.4	299,060	7.6
HSA I	577,723	90.8	58,763	9.2
HSA II	953,364	96.8	31,583	3.2
HSA III	1,193,498	87.3	173,534	12.7
HSA IV	462,566	99.2	3,873	0.8
HSA V	468,442	93.7	31,307	6.3

TABLE A-GDS-11
RACE DISTRIBUTION - 1960

Area	White		Non-White	
	Number	Percent	Number	Percent
United States	N/A	88.8	N/A	11.2
Missouri	3,922,967	90.8	396,846	9.2
HSA I	692,220	88.8	87,113	11.2
HSA II	958,756	96.5	34,242	3.5
HSA III	1,379,246	85.3	238,225	14.7
HSA IV	458,423	99.1	4,368	0.9
HSA V	434,322	93.0	32,898	7.0

TABLE A-GDS-12
RACE DISTRIBUTION - 1970

Area	White		Non-White	
	Number	Percent	Number	Percent
United States	N/A	87.5	N/A	12.5
Missouri	4,177,495	89.3	499,006	10.7
HSA I	747,368	86.2	119,640	13.8
HSA II	987,364	96.3	38,179	3.7
HSA III	1,517,146	83.0	309,761	17.0
HSA IV	500,360	98.9	5,619	1.1
HSA V	425,269	94.3	25,795	5.7

Reference: 2.

TABLE A-GDS-13

POPULATION DISTRIBUTION AS PERCENTAGE
OF STATE DISTRIBUTION BY RACE

AREA	1950	1960	1970
Missouri			
White Population	3,655,593 100.0%	3,922,967 100.0%	4,177,495 100.0%
Non-White Population	299,060 100.0%	396,846 100.0%	499,006 100.0%
Total Population	3,954,653 100.0%	4,319,813 100.0%	4,676,501 100.0%
HSA I			
White Pop., as % of State White Pop.	15.8%	17.6%	17.9%
Non-White Pop. as % of State NW Pop.	19.6	22.0	24.0
Total Pop., as % of Total State Pop.	16.1	18.0	18.5
HSA II			
White Pop., as % of State White Pop.	26.1%	24.4%	23.6%
Non-White Pop. as % of State NW Pop.	10.6	8.6	7.7
Total Pop., as % of Total State Pop.	24.9	23.0	21.9
HSA III			
White Pop., as % of State White Pop.	32.6%	35.2%	36.3%
Non-White Pop. as % of State NW Pop.	58.0	60.0	62.0
Total Pop., as % of Total State Pop.	34.6	37.5	39.1
HSA IV			
White Pop., as % of State White Pop.	12.7%	11.7%	12.0%
Non-White Pop. as % of State NW Pop.	1.3	1.1	1.1
Total Pop., as % of Total State Pop.	11.8	10.7	10.8
HSA V			
White Pop., as % of State White Pop.	12.8%	11.1%	10.2%
Non-White Pop. as % of State NW Pop.	10.5	8.3	5.2
Total Pop., as % of Total State Pop.	12.6	10.8	9.7

Reference: 2.

TABLE A-GDS-14
POPULATION DISTRIBUTION BY AGE - 1950

AREA	TOTAL POPULATION	<15	15-24	25-44	45-64	65+	MEDIAN AGE
United States (in 000) Percent	150,697.4 100.0%	40,482.5 26.9%	22,098.4 14.7%	45,209.6 30.0%	30,637.3 20.3%	12,269.8 8.1%	30.2
Missouri Percent	3,954,653 100.0%	986,213 24.9%	552,864 14.0%	1,132,382 28.6%	875,806 22.2%	407,388 10.3%	32.5
HSA I Percent	636,486 100.0%	141,883 22.3%	85,307 13.4%	202,010 31.7%	146,946 23.1%	60,340 9.5%	33.5
HSA II Percent	984,947 100.0%	235,477 23.9%	136,789 13.9%	251,315 25.5%	227,549 23.1%	133,817 13.6%	34.5
HSA III Percent	1,367,032 100.0%	318,678 23.3%	188,457 13.8%	429,367 31.4%	311,524 22.8%	199,006 8.7%	33.0
HSA IV Percent	466,439 100.0%	127,248 27.3%	65,737 14.1%	122,252 26.2%	99,217 21.3%	51,985 11.1%	31.6
HSA V Percent	499,749 100.0%	162,927 32.6%	76,574 15.3%	127,439 25.5%	90,567 18.1%	42,242 8.5%	26.1
References: 2, 3.							

TABLE A-GDS-15
POPULATION DISTRIBUTION BY AGE - 1960

AREA	TOTAL POPULATION	<15	15-24	25-44	45-64	65+	MEDIAN AGE
United States (in 000) Percent	179,323.2 100.0%	55,786.2 31.1%	24,020.0 13.4%	46,899.7 26.2%	36,057.7 20.1%	16,559.6 9.2%	29.2
Missouri Percent	4,319,813 100.0%	1,264,968 29.3%	560,651 13.0%	1,055,074 24.4%	935,709 21.7%	503,411 11.6%	31.6
HSA I Percent	779,333 100.0%	231,976 29.8%	95,150 12.2%	212,321 27.2%	161,169 20.7%	78,717 10.1%	31.0
HSA II Percent	992,998 100.0%	259,211 26.1%	147,330 14.8%	214,991 21.7%	221,326 22.3%	150,140 15.1%	34.1
HSA III Percent	1,617,471 100.0%	496,295 30.7%	192,130 11.9%	422,194 26.1%	351,235 21.7%	155,617 9.6%	31.0
HSA IV Percent	462,791 100.0%	128,662 27.8%	60,482 13.1%	104,688 22.6%	104,852 22.7%	64,107 13.8%	33.6
HSA V Percent	467,220 100.0%	148,824 31.9%	65,559 14.0%	100,880 21.6%	97,127 20.8%	54,830 11.7%	28.7
References: 2, 3.							

TABLE A-GDS-16
POPULATION DISTRIBUTION BY AGE - 1970

AREA	TOTAL POPULATION	<15	15-24	25-44	45-64	65+	MEDIAN AGE
United States (in 000) Percent	203,211.9 100.0%	57,900.0 28.5%	35,441.4 17.4%	47,995.2 23.6%	41,809.8 20.6%	20,065.5 9.9%	28.1
Missouri Percent	4,676,501 100.0%	1,290,427 27.6%	784,350 16.8%	1,060,138 22.6%	980,930 21.0%	560,656 12.0%	29.5
HSA I Percent	867,008 100.0%	247,683 28.5%	141,049 16.3%	216,513 25.0%	173,564 20.0%	88,199 10.2%	28.5
HSA II Percent	1,025,543 100.0%	253,367 24.7%	193,673 18.9%	206,758 20.2%	217,347 21.2%	154,398 15.0%	32.1
HSA III Percent	1,826,907 100.0%	535,552 29.3%	294,841 16.1%	436,114 23.9%	377,165 20.7%	183,235 10.0%	28.4
HSA IV Percent	505,979 100.0%	128,906 25.5%	81,325 16.1%	108,416 21.4%	113,926 22.5%	73,406 14.5%	32.7
HSA V Percent	451,064 100.0%	124,919 27.7%	73,462 16.3%	92,337 20.5%	98,927 21.9%	61,419 13.6%	30.5
References: 2, 3.							

TABLE A-GDS-17
DEPENDENCY

AREA	YOUTH RATIO			AGED RATIO			COMBINED RATIO		
	1950	1960	1970	1950	1960	1970	1950	1960	1970
United States	51.0	65.1	61.4	13.4	16.8	17.7	64.4	81.9	79.0
Missouri	47.9	61.9	60.6	17.0	21.4	21.9	64.9	83.3	82.5
HSA I	39.4	59.6	60.9	14.6	17.9	18.2	54.0	77.6	79.1
HSA II	48.6	57.1	54.6	23.4	28.0	27.4	71.9	85.1	82.0
HSA III	41.7	62.4	64.1	13.5	17.3	18.3	55.3	79.7	82.4
HSA IV	56.8	62.0	56.5	19.7	26.1	26.6	76.5	88.1	83.0
HSA V	71.4	75.0	64.3	15.8	23.3	25.9	87.2	98.2	90.1
Reference: 2.									

TABLE A-GDS-18
 POPULATION DISTRIBUTION OF PERSONS <18 AND 65+
 AS PERCENTAGE OF STATE DISTRIBUTION

AREA	1950	1960	1970
Missouri			
Population <18	1,149,500 100.0%	1,459,121 100.0%	1,552,872 100.0%
Population 65+	407,388 100.0%	503,411 100.0%	560,656 100.0%
Total Population	3,954,653 100.0%	4,319,843 100.0%	4,676,501 100.0%
HSA I			
Pop. <18, as % of State Pop. <18	14.2%	17.9%	19.0%
Pop. 65+ as % of State Pop. 65+	14.8	15.7	15.7
Total Pop. as % of Total State Pop.	16.1	18.0	18.5
HSA II			
Pop. <18 as % of State Pop. <18	24.2%	21.0%	19.8%
Pop. 65+ as % of State Pop. 65+	32.9	29.8	27.5
Total Pop. as % of Total State Pop.	24.9	23.0	21.9
HSA III			
Pop. <18 as % of State Pop. <18	31.9%	38.5%	41.3%
Pop. 65+ as % of State Pop. 65+	29.1	30.9	32.7
Total Pop. as % of Total State Pop.	34.6	37.5	39.1
HSA IV			
Pop. <18 as % of State Pop. <18	13.1%	10.5%	10.1%
Pop. 65+ as % of State Pop. 65+	12.8	12.7	13.1
Total Pop. as % of Total State Pop.	11.8	10.7	10.8
HSA V			
Pop. <18 as % of State Pop. <18	16.6%	12.1%	9.8%
Pop. 65+ as % of State Pop. 65+	10.4	10.9	11.0
Total Pop. as % of Total State Pop.	12.6	10.8	9.7
Reference: 2.			

TABLE A-GDS-19
EDUCATION - 1950

Years of School Completed (Persons 25+)	United States (in 000)	Missouri	HSA I	HSA II	HSA III	HSA IV	HSA V
Less Than 12 Years Percent	56,003.9 63.9%	1,613,510 67.1%	217,165 53.3%	419,415 68.8%	573,060 67.0%	194,985 71.7%	208,885 80.3%
12 Years (H.S. Graduate) Percent	17,690.9 20.2%	437,055 18.2%	109,250 26.8%	109,255 17.9%	144,470 16.9%	46,190 17.0%	27,890 10.7%
1-3 Years College Percent	6,261.6 7.2%	159,400 6.6%	40,335 9.9%	41,825 6.8%	49,090 5.7%	17,270 6.4%	10,880 4.2%
4 or More Years College Percent	5,284.4 6.0%	119,435 5.0%	27,070 6.6%	26,110 4.3%	50,100 5.9%	9,435 3.5%	6,720 2.6%
Not Reported Percent	2,329.7 2.7%	74,775 3.1%	13,495 3.4%	13,205 2.2%	38,590 4.5%	3,740 1.4%	5,745 2.2%
Total Percent	87,570.5 100.0%	2,404,175 100.0%	407,315 100.0%	609,810 100.0%	855,310 100.0%	271,620 100.0%	260,120 100.0%
Median School Years Completed	9.3	8.9	11.1	9.1	9.1	8.9	8.1
Reference: 2.							

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TABLE A-GDS-20
EDUCATION - 1960

Years of School Completed (Persons 25+)	United States (in 000)	Missouri	HSA I	HSA II	HSA III	HSA IV	HSA V
Less Than 12 Years Percent	58,615.2 58.9%	1,580,327 63.4%	235,386 52.0%	373,626 63.8%	595,378 64.1%	189,249 67.3%	194,688 77.0%
12 Years (H.S. Graduate) Percent	24,455.5 24.6%	563,329 22.6%	134,145 29.7%	136,493 23.3%	196,372 21.1%	58,757 20.9%	37,562 14.9%
1-3 Years of College Percent	8,742.1 8.8%	193,500 7.8%	49,541 11.0%	44,592 7.6%	67,367 7.3%	20,769 7.4%	11,231 4.4%
4 or More Years of College Percent	7,625.3 7.7%	155,398 6.2%	33,250 7.3%	30,893 5.3%	69,258 7.5%	12,538 4.4%	9,459 3.7%
Total Percent	99,428.1 100.0%	2,492,554 100%	452,322 100%	585,604 100%	928,375 100%	281,313 100%	252,940 100%
Median School Years Completed	10.6	9.6	11.6	9.7	10.0	9.5	8.3
Reference: 2.							

TABLE A-GDS-21
EDUCATION - 1970

Years of School Completed (Persons 25+)	United States (in 000)	Missouri	HSA I	HSA II	HSA III	HSA IV	HSA V
Less Than 12 Years Percent	52,373.3 47.6%	1,332,385 51.2%	201,772 42.1%	296,064 51.2%	509,568 51.1%	157,195 53.1%	167,786 66.4%
12 Years (H.S. Graduate) Percent	34,158.1 31.1%	795,144 30.5%	175,484 36.7%	185,141 32.0%	286,322 28.7%	91,303 30.9%	56,894 22.5%
1-3 Years of College Percent	11,650.7 10.6%	241,285 9.3%	55,970 11.7%	51,821 9.0%	91,609 9.2%	28,020 9.5%	13,865 5.5%
4 or More Years of College Percent	11,717.3 10.7%	233,465 9.0%	45,319 9.5%	45,152 7.8%	109,620 11.0%	19,278 6.5%	14,096 5.6%
Total Percent	109,899.4 100.0%	2,602,279 100%	478,545 100%	578,178 100%	997,119 100%	295,796 100%	252,641 100%
Median School Years Completed	12.1	11.8	12.2	11.3	11.0	11.1	9.4
Reference: 2.							

A-GDS-14

TABLE A-GDS-22
HOUSEHOLD COMPOSITION AND CHARACTERISTICS - 1950

	Missouri	HSA I	HSA II	HSA III	HSA IV	HSA V
Population in Households	3,813,053	609,995	946,035	1,303,690	459,536	492,797
Number of Households	1,198,175	204,900	309,251	403,200	144,928	136,696
Population Per Household	3.18	2.98	3.06	3.24	3.17	3.61
Husband-Wife Households	907,625	151,995	232,725	303,980	111,745	107,180
Households Owner Occupied	57.7%	54.7%	66.0%	48.8%	70.1%	57.0%
Households Renter Occupied	42.3%	45.3%	34.0%	51.2%	29.9%	43.0%
Median Number of Rooms	4.3	4.6	4.5	4.2	3.9	4.2
Reference: 2.						

TABLE A-GDS-23
HOUSEHOLD COMPOSITION AND CHARACTERISTICS - 1960

Population in	Missouri	HSA I	HSA II	HSA III	HSA IV	HSA V
Population in Households	4,202,858	767,111	936,175	1,584,085	455,384	460,103
Number of Households	1,360,054	256,586	318,030	493,776	152,721	138,941
Population Per Household	3.10	2.99	2.94	3.21	2.98	3.31
Husband-Wife Households	987,323	180,118	233,403	357,381	112,876	103,545
Households Owner Occupied	64.3%	61.6%	69.9%	59.3%	73.7%	63.5%
Households Renter Occupied	35.7%	38.4%	30.1%	40.7%	26.3%	36.5%
Median Number of Rooms	4.6	4.8	4.9	4.4	4.6	4.5
Reference: 2.						

TABLE A-GDS-24
HOUSEHOLD COMPOSITION AND CHARACTERISTICS - 1970

	Missouri	HSA I	HSA II	HSA III	HSA IV	HSA V
Population in Households	4,540,036	852,737	957,317	1,794,026	493,721	442,162
Number of Households	1,520,567	290,047	337,816	571,299	174,513	146,892
Population Per Household	2.98	2.94	2.83	3.14	2.83	3.01
Husband-Wife Households	1,050,434	194,321	237,188	391,529	124,368	103,478
Households Owner Occupied	67.2%	63.5%	71.6%	63.0%	74.5%	69.9%
Households Renter Occupied	32.8%	36.5%	28.4%	37.0%	25.5%	30.1%
Median Number of Rooms	4.8	5.0	4.9	4.7	4.8	4.7
Reference: 2,						

TABLE A-GDS-25
UNEMPLOYMENT

Area	1950	1960	1970
United States (1,000)			
Total Civilian Work Force	59,072	68,144	80,943
Number Unemployed	2,832	3,505	3,589
Percent Unemployed	4.8	5.1	4.4
Missouri			
Total Civilian Work Force	1,574,167	1,639,974	1,845,402
Number Unemployed	52,350	67,527	78,092
Percent Unemployed	3.3	4.1	4.2
HSA I			
Total Civilian Work Force	279,569	323,464	376,275
Number Unemployed	8,827	14,230	13,139
Percent Unemployed	3.2	4.4	3.5
HSA II			
Total Civilian Work Force	374,931	359,111	382,282
Number Unemployed	8,986	12,767	13,287
Percent Unemployed	2.4	3.6	3.5
HSA III			
Total Civilian Work Force	583,929	639,928	743,416
Number Unemployed	21,573	26,125	34,628
Percent Unemployed	3.7	4.1	4.7
HSA IV			
Total Civilian Work Force	169,012	167,974	189,836
Number Unemployed	4,848	7,151	8,522
Percent Unemployed	2.9	4.3	4.5
HSA V			
Total Civilian Work Force	166,726	149,497	153,593
Number Unemployed	8,116	7,254	8,516
Percent Unemployed	4.9	4.9	5.5
Reference: 2,4.			

TABLE A-GDS-26
LABOR DISTRIBUTION BY MAJOR CATEGORIES - 1950
NUMBER OF PERSONS EMPLOYED AND PERCENT OF TOTAL

OCCUPATION	UNITED STATES (in 000)	MISSOURI	HSA I	HSA II	HSA III	HSA IV	HSA V
Agriculture, Forestry Fisheries Percent	7,033.6 12.5%	267,860 17.6%	11,834 4.4%	128,873 35.2%	11,740 2.1%	55,513 33.8%	59,900 37.8%
Mineral Extraction Percent	931.0 1.6%	9,532 0.6%	599 0.2%	2,605 0.7%	799 0.1%	1,030 0.6%	4,504 2.8%
Construction Percent	3,458.0 6.1%	84,447 5.6%	17,260 6.4%	20,131 5.5%	29,623 5.3%	9,001 5.5%	8,432 5.3%
Manufacturing Percent	14,685.5 26.0%	363,824 23.9%	65,706 24.3%	51,567 14.1%	195,791 34.8%	23,528 14.3%	27,228 17.2%
Wholesale Trade Percent	1,965.0 3.5%	61,992 4.1%	14,424 5.3%	10,185 2.8%	28,562 5.1%	5,876 3.6%	2,945 1.8%
Retail Trade Percent	8,542.3 15.1%	236,269 15.5%	51,569 19.0%	49,946 13.7%	89,053 15.8%	24,888 15.2%	20,813 13.1%
Selected Services Percent	10,092.6 17.9%	252,422 16.6%	50,744 18.7%	56,945 15.6%	99,838 17.8%	24,812 15.1%	20,083 12.7%
Communications Percent	710.5 1.3%	17,444 1.1%	3,969 1.5%	3,403 0.9%	7,633 1.4%	1,438 0.9%	1,001 0.6%
Transportation & Utilities Percent	3,739.3 6.6%	117,208 7.7%	26,738 9.9%	23,922 6.5%	47,169 8.4%	11,159 6.8%	8,220 5.2%
Finance, Insurance & Real Estate Percent	1,919.6 3.4%	50,489 3.3%	14,580 5.4%	6,627 1.8%	24,358 4.3%	3,051 1.9%	1,873 1.2%
Public Administration Percent	2,514.5 4.5%	60,330 4.0%	13,319 4.9%	11,741 3.2%	27,791 4.9%	3,868 2.3%	3,611 2.3%
All Occupations Percent	55,591.9 98.5%*	1,521,817 100%	270,742 100%	365,945 100%	562,356 100%	164,164 100%	158,610 100%
Reference: 2, 4. * 1.5 Percent Not Reported							

TABLE A-GDS-27

LABOR DISTRIBUTION BY MAJOR CATEGORIES - 1960
NUMBER OF PERSONS EMPLOYED AND PERCENT OF TOTAL

OCCUPATION	UNITED STATES (in 000)	MISSOURI	HSA I	HSA II	HSA III	HSA IV	HSA V
Agriculture, Forestry Fisheries Percent	4,349.9 6.7%	150,022 9.5%	7,340 2.4%	77,798 22.5%	7,270 1.2%	26,516 16.5%	31,098 21.9%
Mineral Extraction Percent	654.0 1.0%	7,682 0.5%	597 0.2%	1,841 0.5%	1,019 0.2%	520 0.3%	3,705 2.6%
Construction Percent	3,815.9 5.9%	86,166 5.5%	15,983 5.2%	20,918 6.1%	30,459 5.0%	10,508 6.5%	8,298 5.8%
Manufacturing Percent	17,513.1 27.1%	466,818 29.7%	95,712 31.0%	65,257 18.9%	234,367 38.2%	39,392 24.5%	32,100 22.6%
Wholesale Trade Percent	2,213.0 3.4%	57,732 3.7%	14,367 4.6%	9,090 2.6%	25,209 4.1%	5,714 3.6%	3,352 2.3%
Retail Trade Percent	9,579.7 14.8%	240,253 15.3%	49,338 16.0%	54,458 15.7%	86,718 14.1%	27,354 17.0%	22,385 15.7%
Selected Services Percent	13,549.8 21.0%	303,577 19.3%	60,734 19.6%	68,470 19.8%	120,470 19.6%	29,449 18.3%	24,444 17.2%
Communications Percent	819.7 1.3%	19,971 1.3%	4,675 1.5%	3,834 1.1%	8,486 1.4%	1,599 1.0%	1,377 1.0%
Transportation & Utilities Percent	3,638.5 5.6%	105,191 6.7%	26,294 8.5%	19,811 5.7%	41,510 6.8%	9,848 6.1%	7,728 5.4%
Finance, Insurance & Real Estate Percent	2,694.6 4.2%	64,287 4.1%	17,421 5.6%	9,690 2.8%	29,721 4.8%	4,631 2.9%	2,824 2.0%
Public Administration Percent	3,202.9 5.0%	70,201 4.4%	16,670 5.4%	14,792 4.3%	28,527 4.6%	5,280 3.3%	4,932 3.5%
All Occupations Percent	62,031.1 96.0%*	1,571,900 100%	309,131 100%	345,959 100%	613,756 100%	160,811 100%	142,243 100%
Reference: 2, 4. *4.0 Percent Not Reported							

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TABLE A-GDS-28
LABOR DISTRIBUTION BY MAJOR CATEGORIES - 1970
NUMBER OF PERSONS EMPLOYED AND PERCENT OF TOTAL

OCCUPATION	UNITED STATES (in 000)	MISSOURI	HSA I	HSA II	HSA III	HSA IV	HSA V
Agriculture, Forestry Fisheries Percent	2,840.5 3.7%	89,564 5.1%	5,848 1.6%	49,185 13.3%	6,384 0.9%	14,377 7.9%	13,770 9.5%
Mineral Extraction Percent	630.8 0.8%	10,462 0.6%	873 0.3%	2,234 0.6%	2,080 0.3%	697 0.4%	4,578 3.1%
Construction Percent	4,572.2 6.0%	103,672 5.9%	20,731 5.7%	25,068 6.8%	35,095 4.9%	12,018 6.6%	10,760 7.4%
Manufacturing Percent	19,837.2 25.9%	430,874 24.4%	85,799 23.6%	65,317 17.7%	202,915 28.6%	44,366 24.5%	32,477 22.4%
Wholesale Trade Percent	3,133.4 4.1%	87,147 4.9%	21,581 6.0%	10,864 2.9%	42,231 6.0%	8,028 4.4%	4,443 3.1%
Retail Trade Percent	12,239.5 16.0%	293,553 16.6%	61,042 16.8%	62,390 16.9%	112,389 15.9%	32,092 17.7%	25,640 17.7%
Selected Services Percent	20,073.9 26.2%	445,989 25.2%	86,719 23.9%	100,200 27.2%	179,623 25.3%	44,159 24.3%	35,288 24.3%
Communications Percent	1,073.7 1.4%	22,958 1.3%	5,147 1.4%	3,961 1.1%	10,397 1.5%	1,969 1.1%	1,484 1.0%
Transportation & Utilities Percent	4,112.4 5.4%	108,496 6.1%	29,812 8.2%	18,954 5.1%	41,724 5.9%	10,800 6.0%	7,206 5.0%
Finance, Insurance & Real Estate Percent	3,838.4 5.0%	82,129 4.7%	21,893 6.0%	12,942 3.5%	36,755 5.2%	6,442 3.6%	4,097 2.8%
Public Administration Percent	4,201.6 5.5%	92,466 5.2%	23,691 6.5%	17,880 4.9%	39,195 5.5%	6,366 3.5%	5,334 3.7%
All Occupations Percent	76,553.6 100%	1,767,310 100%	363,136 100%	368,995 100%	708,788 100%	181,314 100%	145,077 100%

Reference: 2, 4.

TABLE A-GDS-29
PERSONAL INCOME PATTERNS AND TRENDS

AREA	1950	1960	1970
United States			
Per Capita Income	\$1,491	\$2,135	\$3,687
Median Family Income	3,073	5,663	9,433
Missouri			
Per Capita Income	1,443	2,115	2,983
Median Family Income	2,647	5,127	8,914
HSA I			
Per Capita Income	1,893	2,660	3,348
Median Family Income	3,434	6,008	10,197
HSA II			
Per Capita Income	1,156	1,689	2,512
Median Family Income	2,078	3,932	7,217
HSA III			
Per Capita Income	1,799	2,626	3,438
Median Family Income	3,585	6,298	10,691
HSA IV			
Per Capita Income	946	1,544	2,516
Median Family Income	1,834	3,654	6,670
HSA V			
Per Capita Income	892	1,368	2,150
Median Family Income	1,736	3,301	6,225
Reference: 2.			

TABLE A-GDS-30
POVERTY STATUS - 1970

AREA	TOTAL NUMBER OF FAMILIES	FAMILIES WITH INCOME LESS THAN POVERTY LEVEL		FAMILIES WITH INCOME LESS THAN 75% OF POVERTY LEVEL		FAMILIES WITH INCOME LESS THAN 125% OF POVERTY LEVEL	
		NUMBER	%	NUMBER	%	NUMBER	%
United States	N/A	N/A	10.7	N/A	7.0	N/A	15.0
Missouri	1,204,751	138,795	11.5	87,875	7.3	200,213	16.6
HSA I	223,399	16,499	7.4	11,060	5.0	23,911	10.7
HSA II	263,992	37,097	14.1	22,320	8.5	55,095	20.9
HSA III	459,303	34,692	7.6	23,330	5.1	49,402	10.8
HSA IV	139,091	24,138	17.4	14,765	10.6	34,921	25.1
HSA V	118,966	26,369	22.2	16,400	13.8	36,884	31.0

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Reference: 4.

TABLE A-GDS-31
WELFARE, AS PERCENTAGE OF
TOTAL STATE WELFARE DOLLARS AND NUMBER OF RECIPIENTS

<u>AREA</u>	<u>1950</u>	<u>1960</u>	<u>1970</u>
Missouri			
Total Amt. of Welfare in \$	\$93,753,217 100.0%	\$131,626,848 100.0%	\$234,943,012 100.0%
Total No. of Welfare Recipients	216,533 100.0%	236,990 100.0%	295,723 100.0%
Total Population	3,954,653 100.0%	4,319,843 100.0%	4,676,501 100.0%
HSA I			
Percentage of Welfare \$	12.2%	11.0%	12.9%
Percentage of Welfare Recipients	11.8	11.6	14.3
Percentage of State Population	16.1	18.0	18.5
HSA II			
Percentage of Welfare \$	31.7%	28.0%	20.8%
Percentage of Welfare Recipients	29.7	24.8	18.1
Percentage of State Population	24.9	23.0	21.9
HSA III			
Percentage of Welfare \$	20.6%	21.9%	32.5%
Percentage of Welfare Recipients	22.2	25.3	36.7
Percentage of State Population	34.6	37.5	39.1
HSA IV			
Percentage of Welfare \$	17.9%	18.2%	14.7%
Percentage of Welfare Recipients	17.7	16.8	12.5
Percentage of State Population	11.8	10.7	10.8
HSA V			
Percentage of Welfare \$	17.6%	20.9%	19.1%
Percentage of Welfare Recipients	18.6	21.5	18.4
Percentage of State Population	12.6	10.8	9.7

Reference: 4.

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TABLE A-GDS-32

SUBSTANDARD HOUSING - 1970

AREA	TOTAL YEAR- ROUND HOUSING UNITS	NUMBER LACKING SOME OR ALL PLUMBING FACILITIES	PERCENT LACKING SOME OR ALL PLUMBING FACILITIES
United States	N/A	N/A	6.9%
Missouri	1,665,754	150,708	9.0%
HSA I	311,372	11,214	3.6%
HSA II	384,804	55,344	14.4%
HSA III	610,554	25,425	4.2%
HSA IV	192,361	24,950	13.0%
HSA V	166,663	33,775	20.3%

Reference: 5.

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TABLE A-GDS-33
OVERCROWDING - 1950

AREA	TOTAL OCCUPIED HOUSING UNITS	NUMBER WITH ≥ 1.01 PERSONS PER ROOM	PERCENT WITH ≥ 1.01 PERSONS PER ROOM
United States	N/A	N/A	15.5%
Missouri	1,197,867	197,396	16.5%
HSA I	204,525	26,593	13.0%
HSA II	308,923	39,085	12.7%
HSA III	402,936	72,987	18.1%
HSA IV	144,737	24,637	17.0%
HSA V	136,476	34,094	25.0%

TABLE A-GDS-34
OVERCROWDING - 1960

AREA	TOTAL OCCUPIED HOUSING UNITS	NUMBER WITH ≥ 1.01 PERSONS PER ROOM	PERCENT WITH ≥ 1.01 PERSONS PER ROOM
United States	N/A	N/A	11.5%
Missouri	1,360,054	161,096	11.8%
HSA I	256,586	23,826	9.3%
HSA II	318,030	30,139	9.5%
HSA III	493,776	67,551	13.7%
HSA IV	152,721	16,593	10.9%
HSA V	138,941	22,987	16.5%

TABLE A-GDS-35
OVERCROWDING - 1970

AREA	TOTAL OCCUPIED HOUSING UNITS	NUMBER WITH ≥ 1.01 PERSONS PER ROOM	PERCENT WITH ≥ 1.01 PERSONS PER ROOM
United States	N/A	N/A	8.2%
Missouri	1,520,597	121,415	8.0%
HSA I	290,047	17,292	6.0%
HSA II	337,846	22,159	6.6%
HSA III	571,299	54,482	9.5%
HSA IV	174,513	12,942	7.4%
HSA V	146,892	14,540	9.9%

Reference: 5.

TABLE A-GDS-36

LIVE BIRTHS: UNITED STATES AND MISSOURI -- 1910 TO 1975.

Year	United States		Missouri	
	Number (1,000)	Rate	Number	Rate
1910	2,777	30.1	N/A	N/A
1915	2,965	29.5	71,543	20.5
1920	2,950	27.7	65,416	19.2
1925	2,909	25.1	68,293	19.4
1930	2,618	21.3	62,011	17.0
1935	2,377	18.7	57,299	15.1
1940	2,559	19.4	61,479	16.5
1945	2,858	20.4	65,691	18.7
1950	3,632	24.1	85,704	21.6
1955	4,104	25.0	93,797	22.7
1960	4,258	23.7	97,723	22.6
1961	4,268	23.3	97,321	22.4
1962	4,167	22.4	93,879	21.5
1963	4,098	21.7	90,363	20.6
1964	4,027	21.0	88,335	19.9
1965	3,760	19.4	81,216	18.2
1966	3,606	18.4	77,946	17.2
1967	3,521	17.8	74,823	16.5
1968	3,502	17.5	74,304	16.3
1969	3,600	17.8	78,396	16.9
1970	3,731	18.4	80,707	17.2
1971	3,559	17.3	78,375	16.6
1972	3,256	15.6	72,597	15.3
1973	3,137	14.9	68,605	14.4
1974	3,160	14.9	69,412	14.5
1975	3,149	14.8	68,442	14.4

Source: U. S. Center for Health Statistics, Vital Statistics of the United States, Annual.

REFERENCES

1. "Estimates and Projections of Population in Missouri, 1970 to 1990," Division of Budget and Planning, Office of Administration, State of Missouri, in cooperation with Public Affairs Information Service, College of Business and Public Administration, University of Missouri - Columbia, September, 1977.
2. Profiles of Missouri's Regional Planning Commissions, Extension Division, University of Missouri - Columbia, Hugh Denny, Editor, 1973.
3. Censuses of Population, U.S. Bureau of Census, 1950-1970.
4. Censuses of Social and Economic Characteristics, U.S. Bureau of Census, 1950-1970.
5. Census of Housing, U.S. Bureau of Census, 1950-1970.

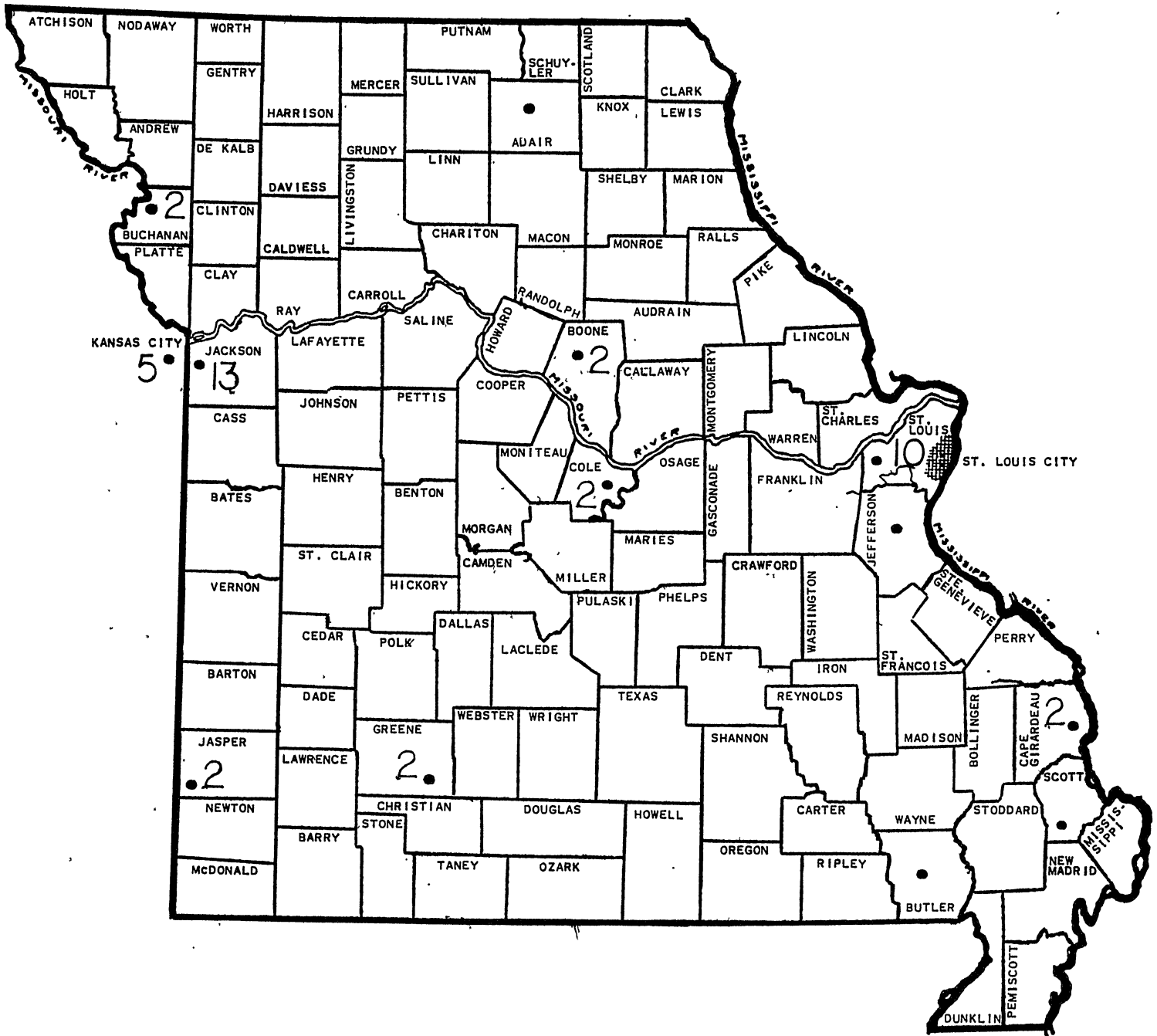
CHAPTER III

DIAGNOSIS AND TREATMENT

Emergency Medical Services

A-E-1

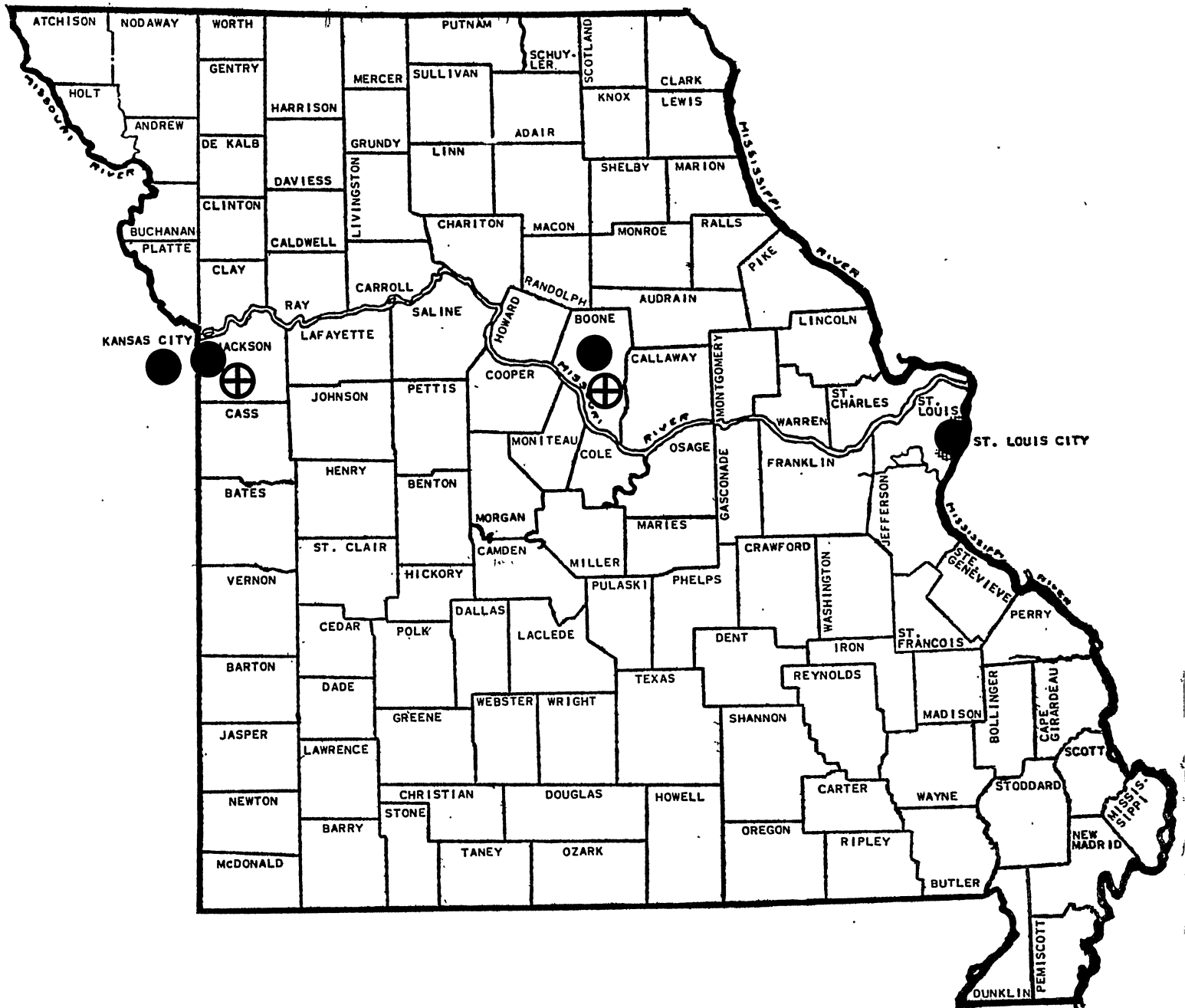
MAP A-E-1



• Trauma

A-E-2

MAP A-E-2
SPINAL CORD TREATMENT AND REHABILITATION CENTERS

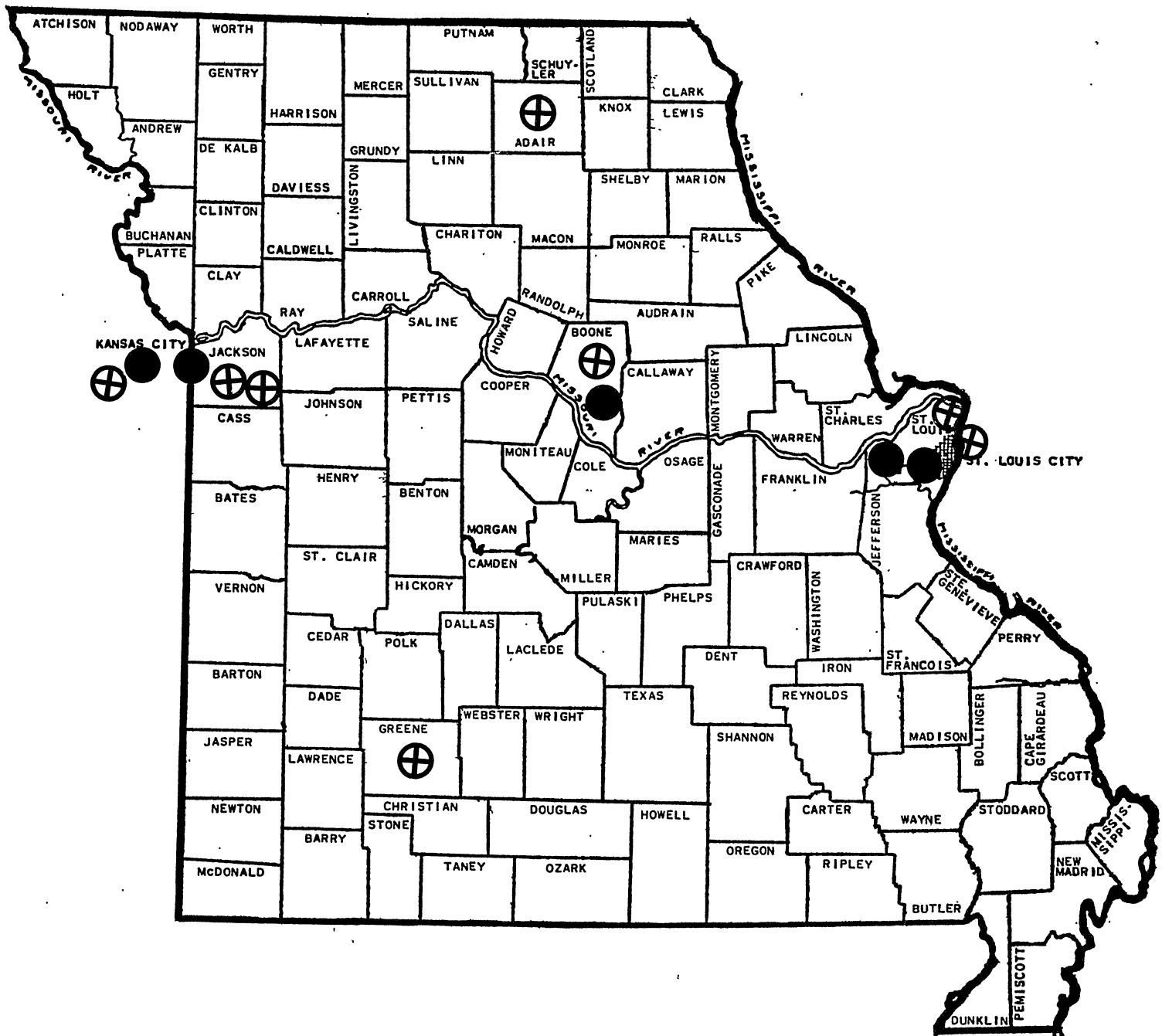


Rehabilitation Centers

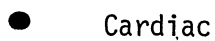


Spinal Cord Centers

MAP A-E-3

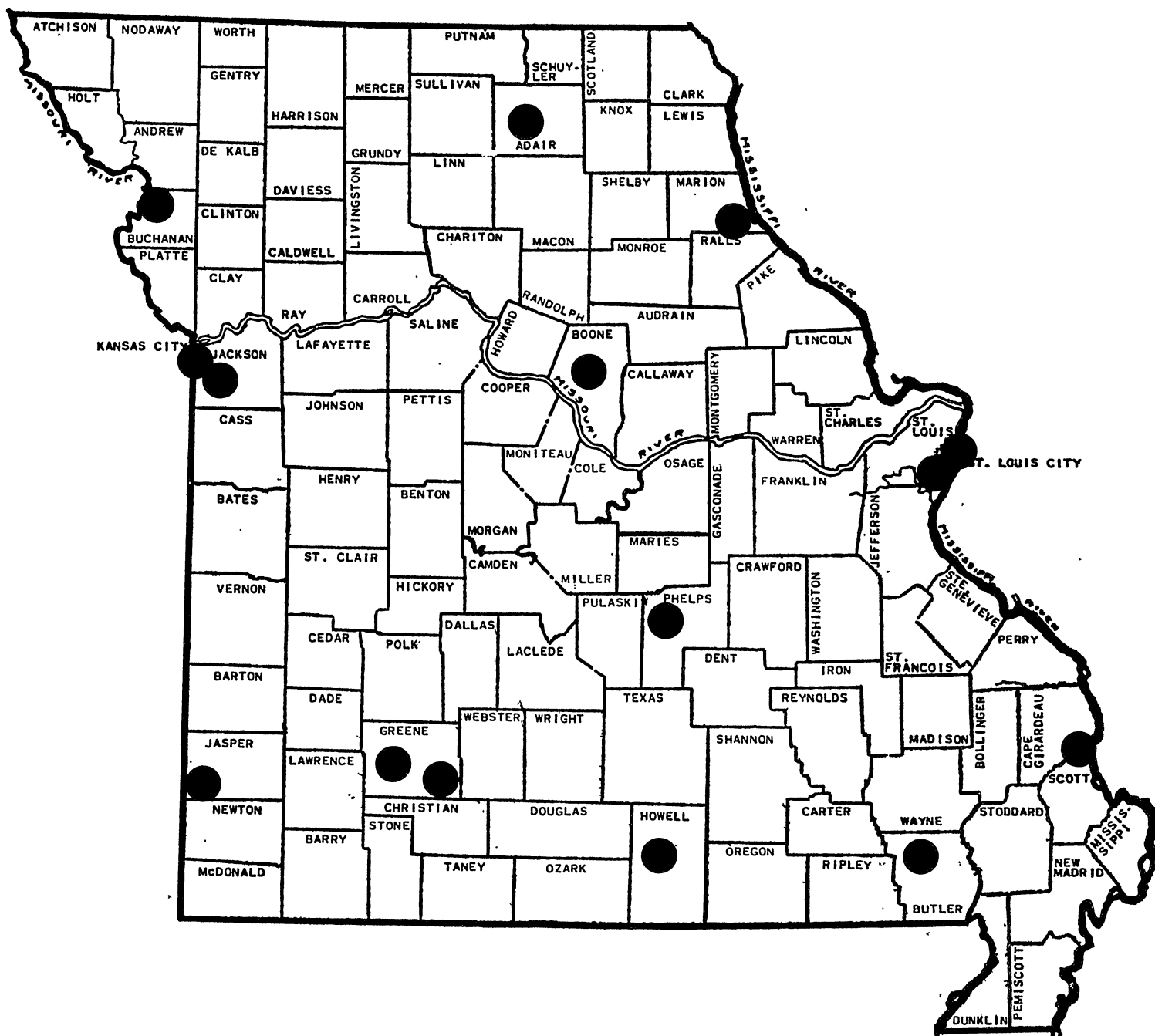


MAP A-E-4



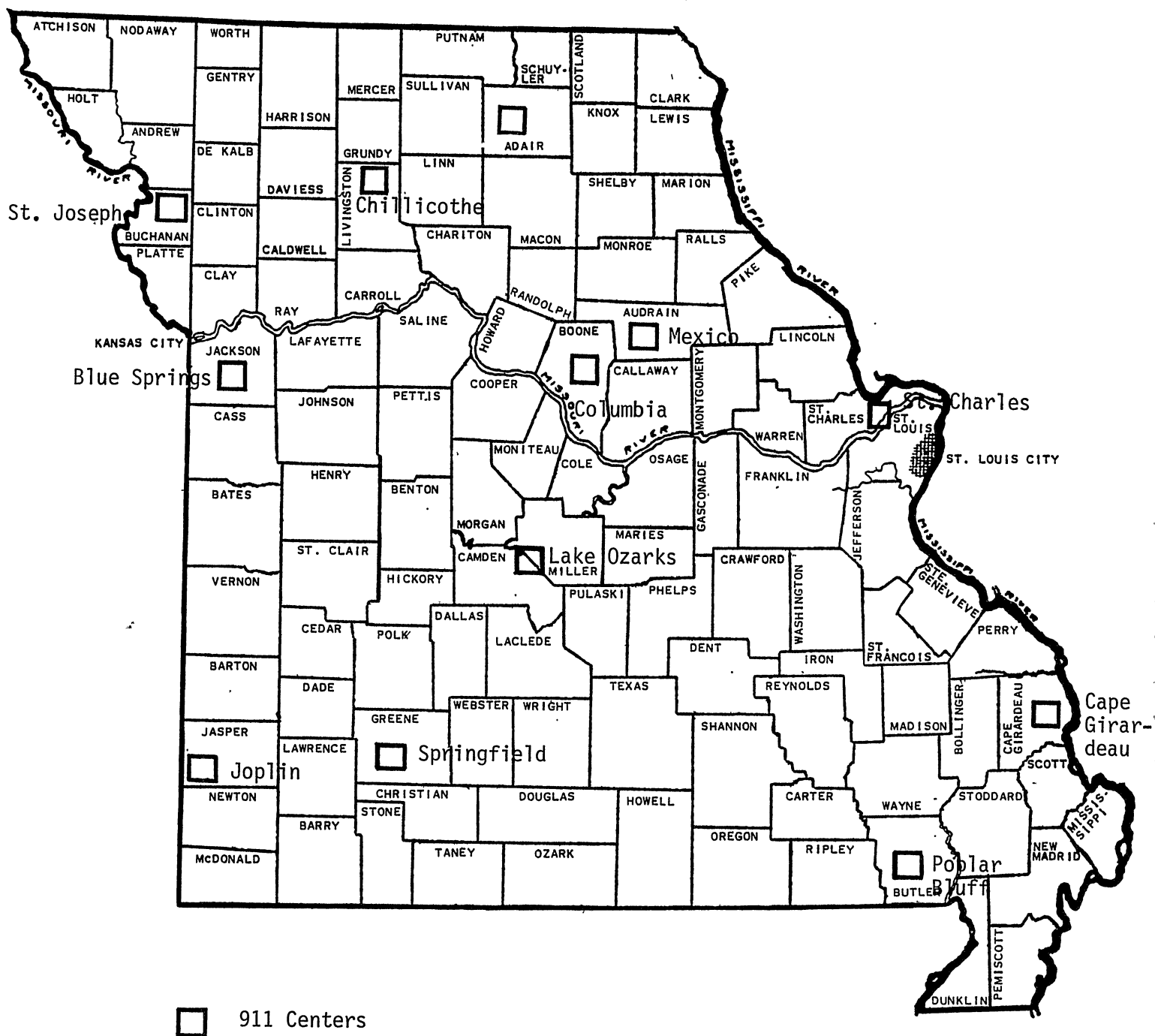
A-E-5

MAP A-E-5



● Poison

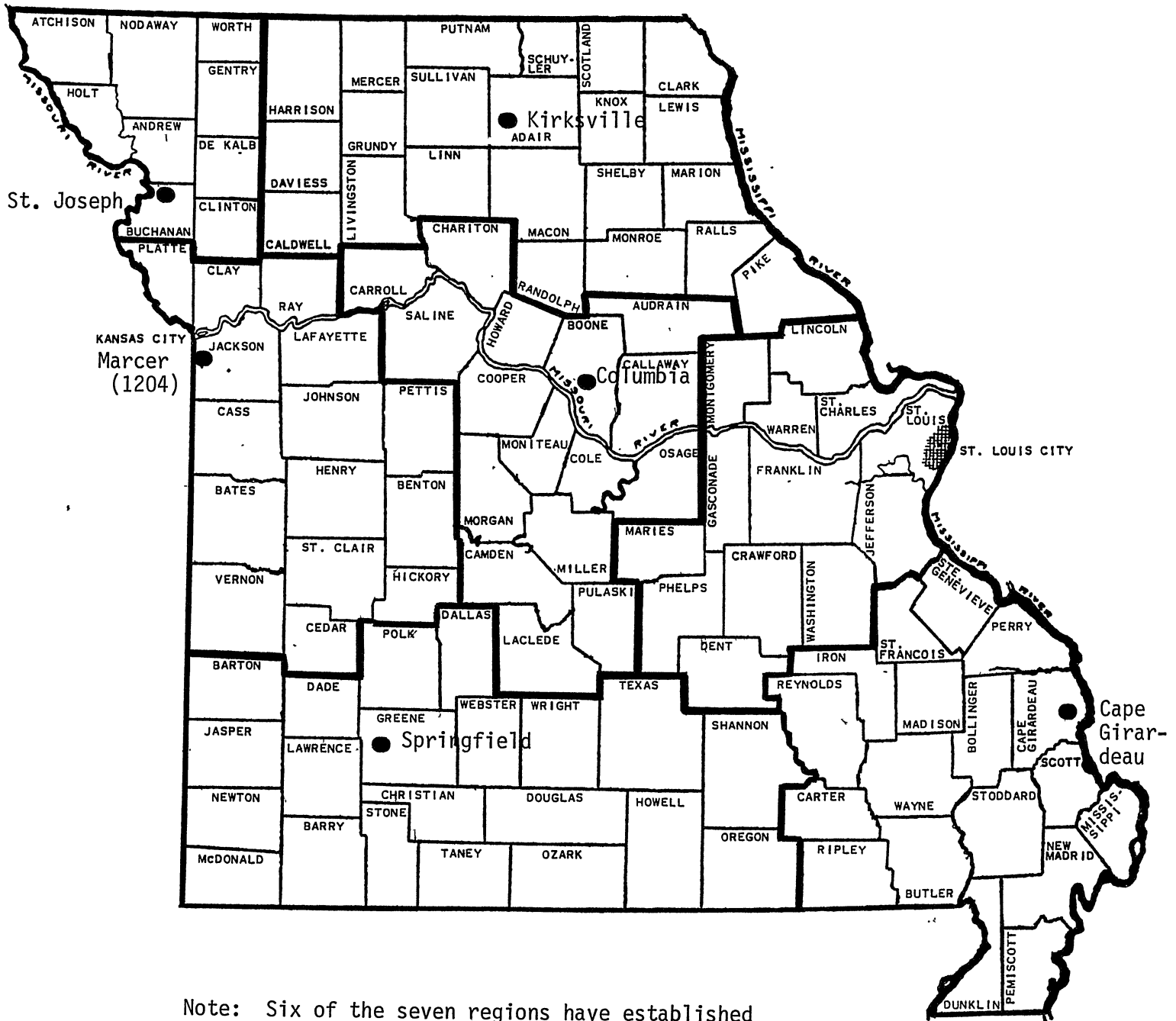
MAP A-E-6
911 ANSWERING CENTERS



A-E-7

MAP A-E-7

MEDICAL CONTROL CENTER LOCATIONS AND AREAS SERVED



Note: Six of the seven regions have established EMS regions.

A-E-8

MAP A-E-8

EMS TRAINING ACTIVITIES AND CONTRACTS

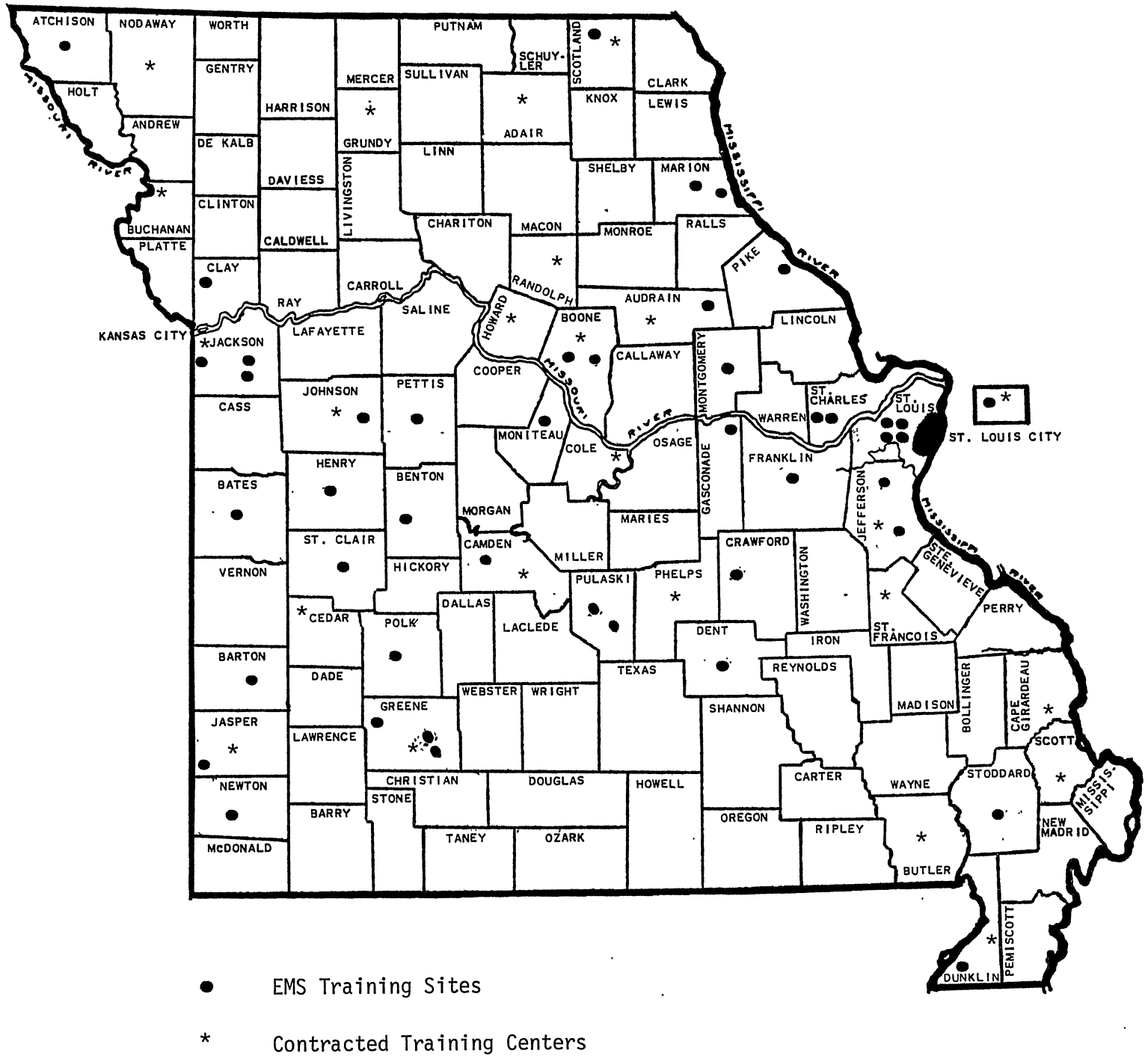


TABLE A-E-10
AMBULANCE DISTRICTS IN MISSOURI

<u>DISTRICT</u>	<u>DATE OF ELECTION</u>
1. (Rev. Noel T.) Adams Memorial Ambulance District, Bethany	August 27, 1974
2. Atchison-Holt Ambulance District, Fairfax	May 28, 1974
3. Ava Area Ambulance District, Ava	April 11, 1972
4. Barton County Ambulance District, Lamar	August 6, 1974
5. Big River Ambulance District, Cedar Hill	April 29, 1975
6. Caldwell County Ambulance District, Kingston	August 24, 1971
7. Callaway County Ambulance District, Fulton	April 4, 1972
8. Cam-Mo Ambulance District, Sunrise Beach	November 2, 1976
9. Cameron Ambulance District, Cameron	December 13, 1974
10. Carter County Ambulance District, Van Buren	August 6, 1974
11. Chariton County Ambulance District, Salisbury	August 8, 1972
12. Clark County Ambulance District, Kahoka	February 8, 1972
13. Community Ambulance District of Daviess Co., Gallatin	May 9, 1972
14. Cooper County Ambulance District, Boonville	April 7, 1977
15. Dade County Ambulance District, Greenfield	August 6, 1974
16. DeKalb-Clinton County Ambulance District, Maysville	April 2, 1974
17. Dunklin County Ambulance District, Kennett	August 6, 1974
18. Gerald Area Ambulance District, Gerald	March 26, 1974
19. Hermann Area Ambulance District, Hermann	April 30, 1974
20. Howard County Ambulance District, Fayette	February 12, 1974
21. Iron County Ambulance District, Ironton	October 5, 1971
22. Joachim-Plattin Ambulance District, Festus	April 15, 1975
23. Knox County Ambulance District, Edina	November 5, 1974
24. Lewis County Ambulance District, Monticello	August 6, 1974
25. Lincoln County Ambulance District, Troy	February 20, 1974
26. Linn County Ambulance District, Brookfield	November 2, 1976
27. Macon County Ambulance District, Macon	November 9, 1971
28. Marion County Ambulance District, Hannibal	August 6, 1974
29. Marshall Ambulance District, Marshall	July 15, 1975
30. Marthasville Ambulance District, Marthasville	August 6, 1974
31. Meramec Ambulance District, Pacific	November 7, 1972
32. Mid-Mo Ambulance District, California	June 28, 1977
33. Miller County Ambulance District, Eldon	April 2, 1974
34. Monroe City Ambulance District, Monroe City	March 19, 1974
35. Monroe County Ambulance District, Paris	March 19, 1974
36. Montgomery County Ambulance District, Montgomery City	June 4, 1974
37. Mt. Vernon Ambulance District, Mt. Vernon	September 4, 1973
38. New Madrid County, New Madrid	April 5, 1979
39. Newton County Ambulance District, Neosho	April 1, 1975
40. Nodaway County Ambulance District, Maryville	February 4, 1975
41. North Barry County Ambulance District, Monett	November 5, 1974
42. North Crawford County Ambulance District, Cuba	November 2, 1976
43. North Harrison County Ambulance District, Eagleville	November 5, 1974
44. North Jefferson County Ambulance District, High Ridge	February 10, 1976
45. North Stone County Ambulance District, Crane	July 29, 1975

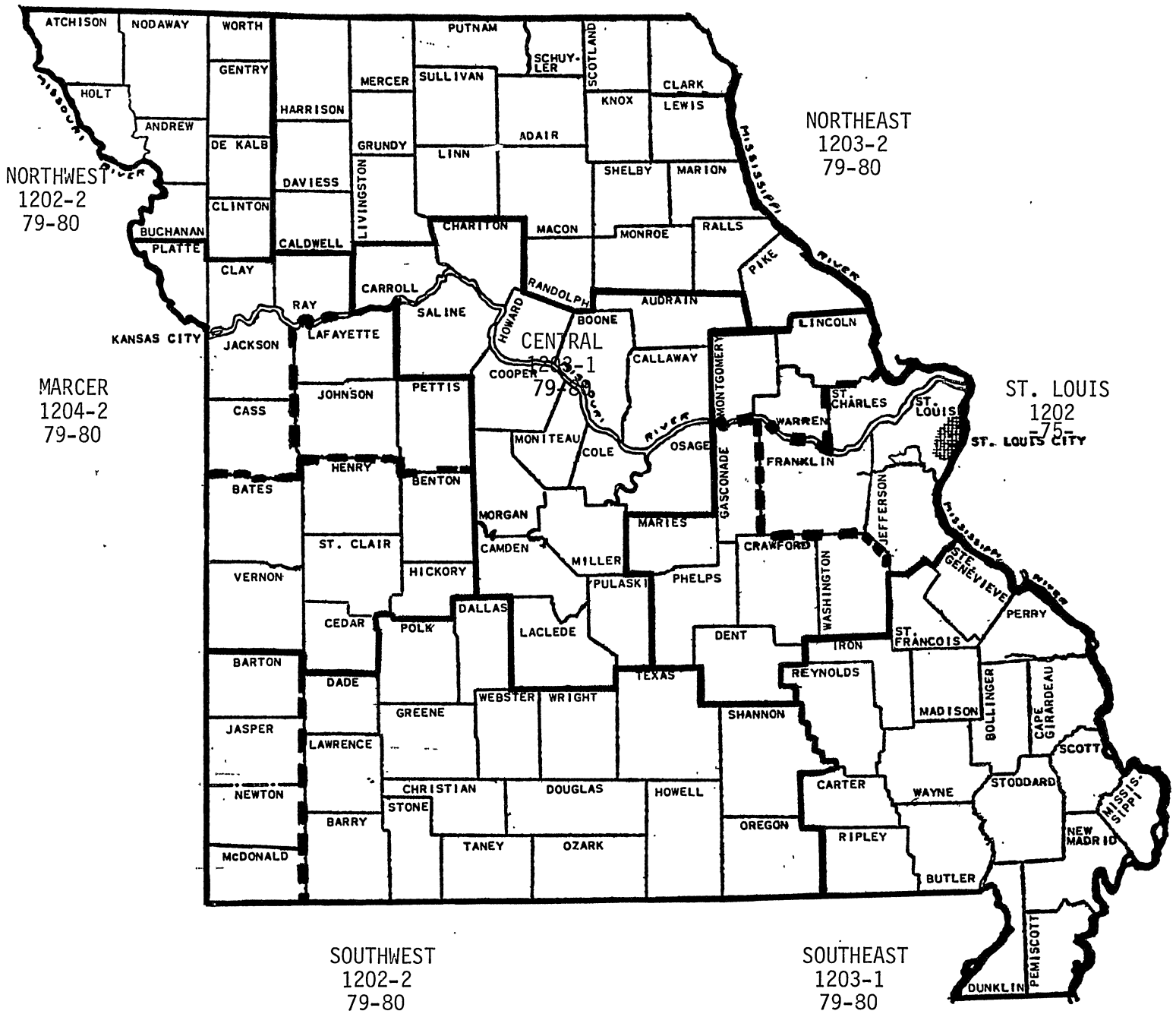
TABLE A-E-11
 AMBULANCE DISTRICTS IN MISSOURI
 (Continued)

<u>DISTRICT</u>	<u>DATE OF ELECTION</u>
46. Oregon County Ambulance District, Alton	August 6, 1974
47. Osage County Ambulance District, Linn	April 2, 1974
48. Owensville Area Ambulance District, Owensville	June 11, 1974
49. Ozark Central Ambulance District, Bland	April 2, 1974
50. Ralls County Ambulance District, New London	December 10, 1974
51. Randolph County Ambulance District, Moberly	August 8, 1972
52. Reynolds County Ambulance District, Centerville	April 1, 1975
53. St. Charles Co. Ambulance District, St. Charles	November 5, 1974
54. St. Clair Ambulance District, St. Clair	December 21, 1973
55. St. Francois Co. Ambulance District, Farmington	November 2, 1976
56. St. James Ambulance District, St. James	August 6, 1974
57. Salt River Ambulance District, Shelbyville	January 1974
58. Schuyler County Ambulance District, Lancaster	April 29, 1975
59. Scotland County Ambulance District, Memphis	November 5, 1974
60. Shannon County Ambulance District, Eminence	November 5, 1974
61. Slater Ambulance District, Slater	April 1, 1975
62. South Barry County Ambulance District, Cassville	May 14, 1974
63. South Howell Co. Ambulance District, West Plains	August 30, 1974
64. Steelville Ambulance District, Steelville	November 2, 1976
65. Stoddard County Ambulance District, Bloomfield	April 2, 1974
66. Summerville Ambulance District, Summerville	August 6, 1974
67. Sweet Springs Community Ambulance District, Sweet Springs	August 5, 1975
68. Taney Co. Ambulance District, Forsyth	November 2, 1976
69. Tri-County Ambulance District, Plattsburt	January 16, 1973
70. Union Ambulance District, Union	February 19, 1974
71. Valle Ambulance District, DeSoto	January 1976
72. Van-Far Ambulance District, Vandalia	September 29, 1975
73. Vernon County Ambulance District, Nevada	June 6, 1978
74. Warren County Ambulance District, Warrenton	August 6, 1974
75. Warsaw Ambulance District, Warsaw	May 28, 1974
76. Willow Springs Ambulance District, Willow Springs	August 6, 1974
77. Maries-Osage Ambulance District	

A-E-12

TABLE A-E-12

EMS REGIONS



Maternal and Child Health

A-MCH-1

TABLE A-MCH-1

MISSOURI RESIDENT ABORTIONS
DURING 1979 BY AGE OF MOTHER

Age of Mother	Live Births	Abortions	
		Number	Rate*
Under 15	215	293	1362.8
15-17	4,785	3,002	627.4
18-19	8,229	3,707	450.5
20-24	26,798	7,077	264.1
25-29	22,848	3,751	164.2
30-34	10,040	1,781	177.4
35-39	2,618	844	322.4
40 and Over	516	313	606.6
TOTAL	76,056	20,807	273.6

*Rate is number of abortions per 1,000 live births.

NOTE: Addition of the columns for "live births" and "number" of abortions will yield slightly lower numbers than the totals. This is due to the fact that the age of a small number of women in both categories was unknown.

A-MCH-2

TABLE A-MCH-2

INFANT MORTALITY BY AGE OF MOTHER: MISSOURI 1979

Age of Mother	Live Births	Infant Death Rate*	
		Number	Rate
Under 18	5,000	127	25.4
18-19	8,229	160	19.4
20-24	26,798	347	12.9
25-29	22,848	236	10.3
30-34	10,040	99	9.9
35-39	2,618	27	10.3
40 and Over	516	11	21.3**
ALL AGES	76,059	1009	13.3

*Rate is deaths per 1,000 live births.

**Rate unstable because it is based on fewer than 20 deaths.

SOURCE: Missouri Center for Health Statistics.

TABLE A-MCH-3

FETAL MORTALITY BY AGE OF MOTHER: MISSOURI 1979

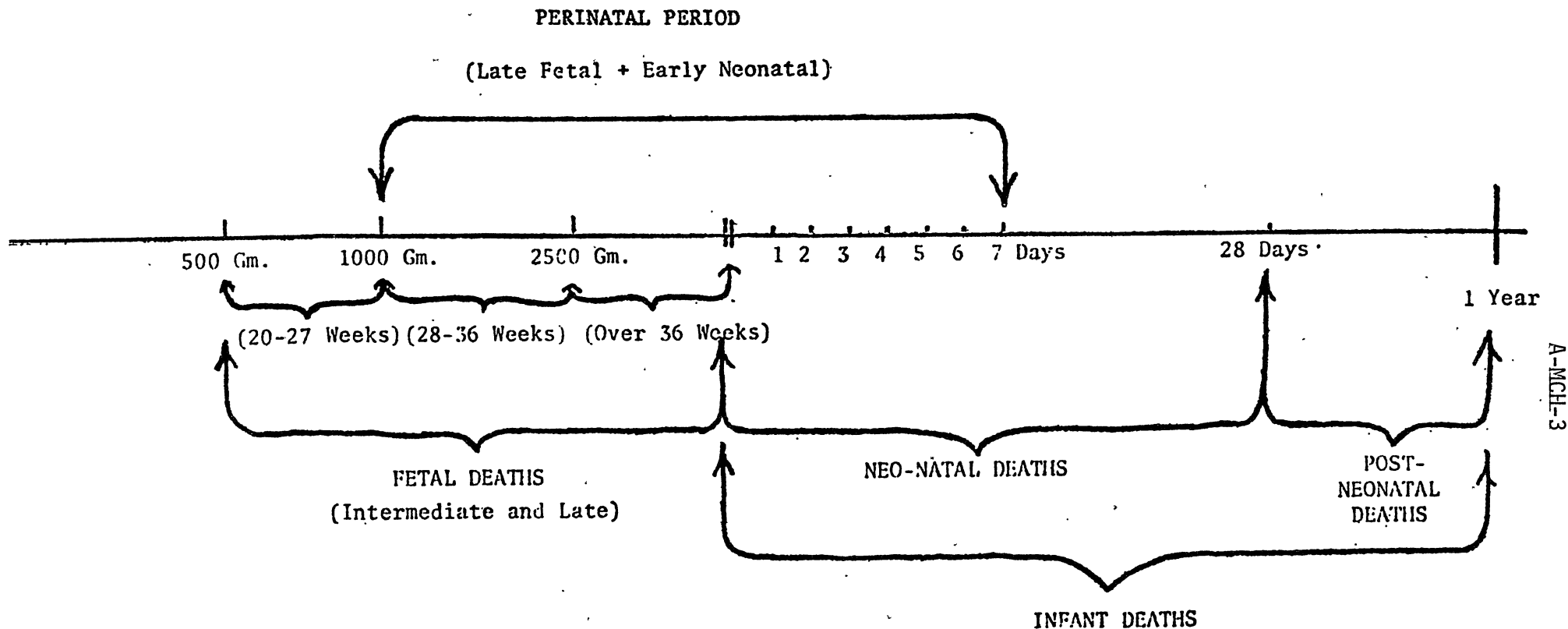
Age of Mother	Live Births	Fetal Deaths*	
		Number	Rate
Under 18	5,000	57	11.4
18-19	8,229	77	9.4
20-24	26,798	210	7.8
25-29	22,848	166	7.3
30-34	10,040	92	9.2
35-39	2,618	66	25.2
40 and Over	516	17	32.9**
ALL AGES	76,059	693	9.1

*Rate is deaths per 1,000 live births.

**Rate unstable because it is based on fewer than 20 deaths.

SOURCE: Missouri Center for Health Statistics.

FIGURE A-MCH-1
TIME PERIODS DEFINED FOR MATERNAL AND CHILD HEALTH INDICATORS



Perinatal care begins in the last trimester of the pregnancy and is carried over to the first twenty-eight days (also classified as the neonatal period) of the infant's life. A perinatal death is one which occurs between 20th week of gestation and the first 28 days of life. A fetal death occurs between 20 weeks gestation and birth. A neonatal death is one which occurs between birth and the first 28 days of life, and an infant death occurs from birth through the first year.

SOURCE: Missouri Area V Health Systems Agency, "Missouri Area V Health Systems Plan, 1978."

FIGURE A-MCH-2

LEVEL I, II, AND III FACILITIES

Level I: Facilities providing risk assessment and care for low risk prenatal patients, and those with minor complications. Most of this care can be provided by nurse practitioners and nurse midwives under physician supervision, and should emphasize preparation for childbirth, general health maintenance, nutrition, infant feeding, and parenting skills. Consultation from Levels II and III specialty physicians should be readily available.

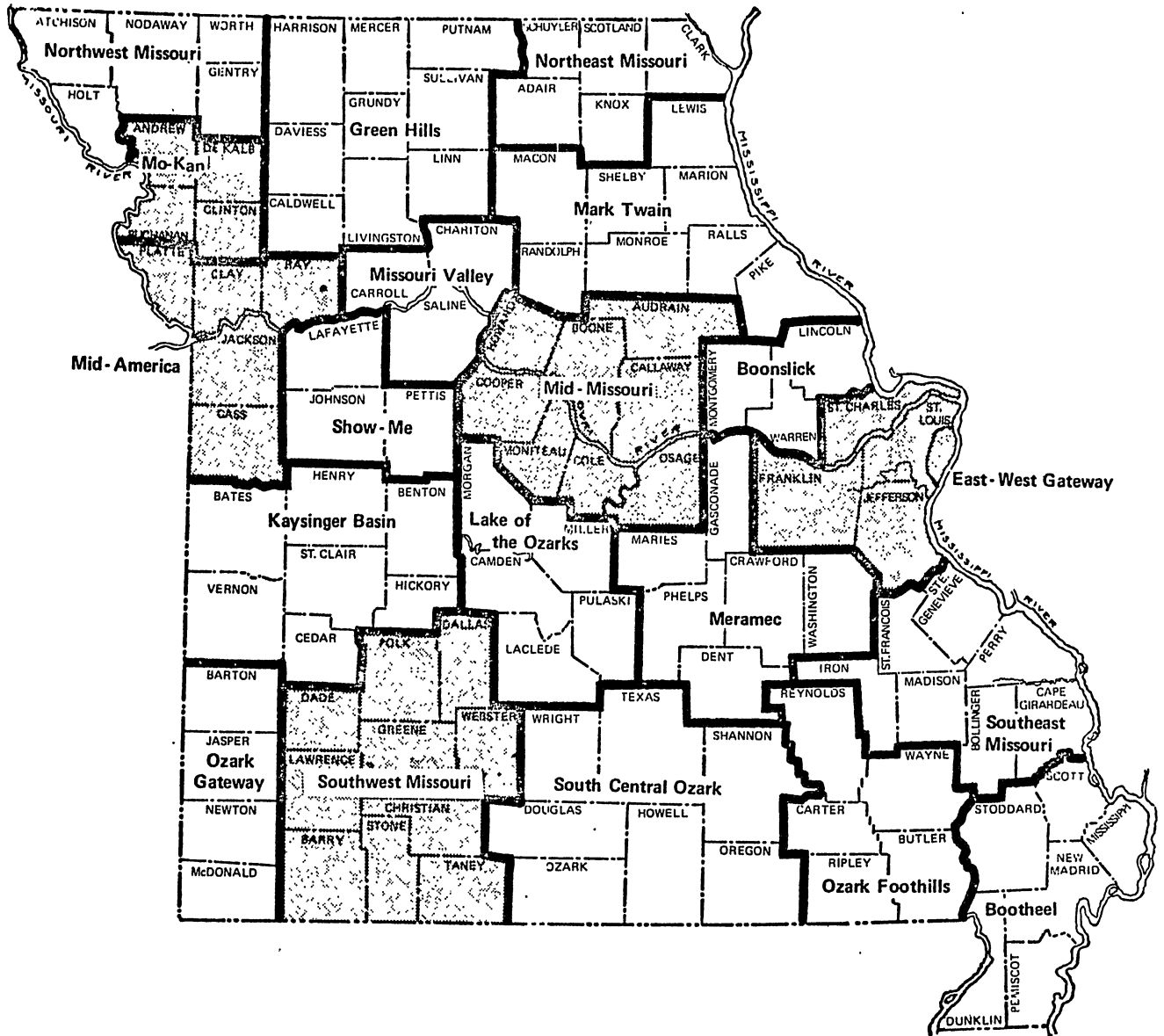
Level II: Facilities providing a full range of prenatal services for uncomplicated patients and for the majority of high risk of complicated patients. Laboratory services to readily assess fetal and maternal well-being should be available, e.g., urinary estriols, photometric analysis of amniotic fluid, lecithin and sphingomyelin ratios, as well as other diagnostic services such as X-ray and ultrasound visualization of the fetus. Patient education as in Level I, and consultation from Level III specialists should be readily available.

Level III: The full range of prenatal care for normal and complicated patients should be provided as described for Level II units, as well as care for unusual or highly complicated cases. In addition, Level III should provide and maintain a highly specialized obstetric and pediatric consultation service with full laboratory facilities for the evaluation of maternal and fetal well-being for all prenatal patients within the region. These consultation services should provide referring physicians' information and advice regarding the further management of the potential or actual high-risk obstetric patient and the high-risk neonate. This medical center should also be involved in providing continuing education, training, and evaluation for all levels of care.

SOURCE: Committee on Perinatal Health
Toward Improving the Outcome of Pregnancy
White Plains, NY: The National Foundation/March of Dimes, 1976.

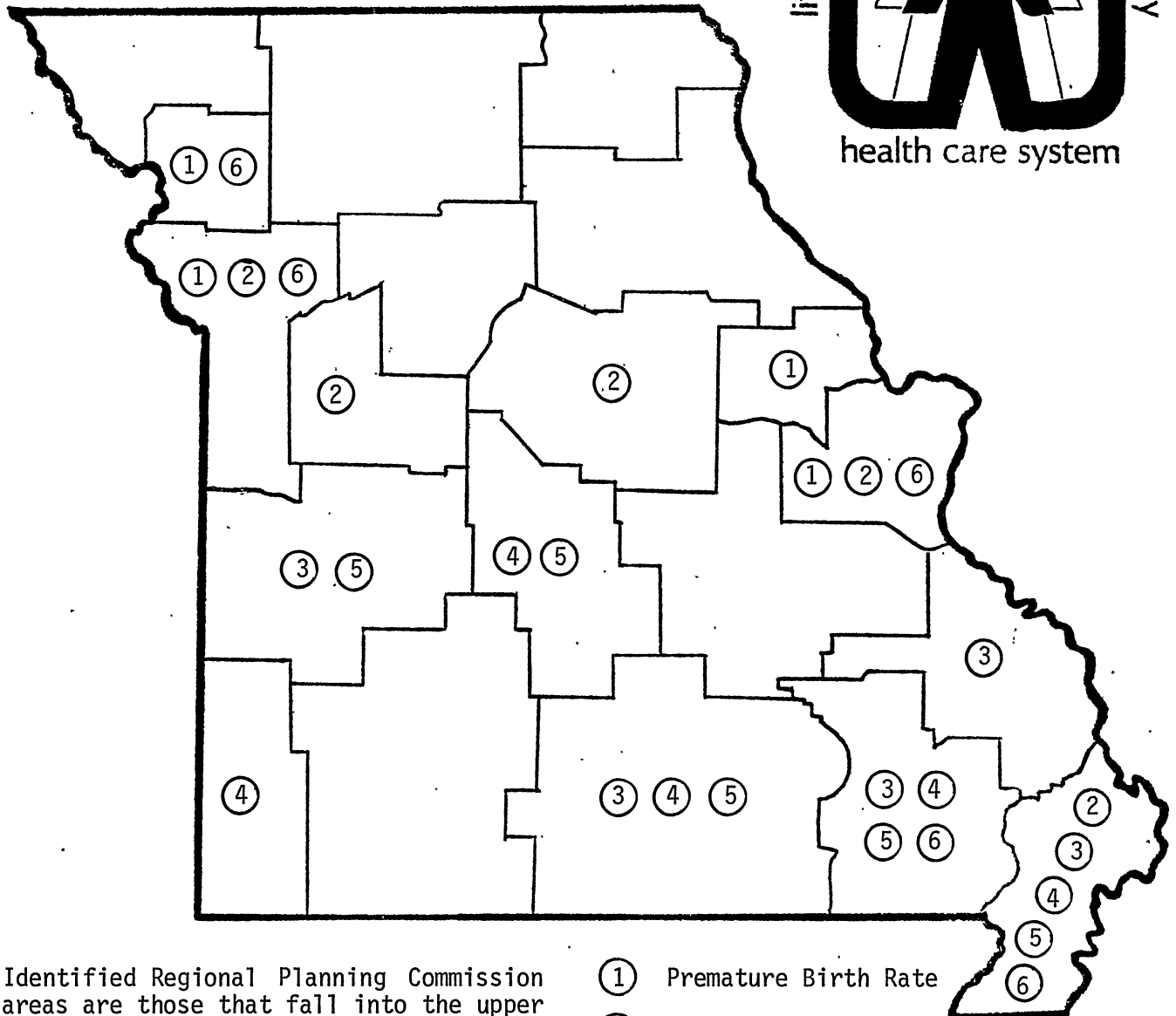
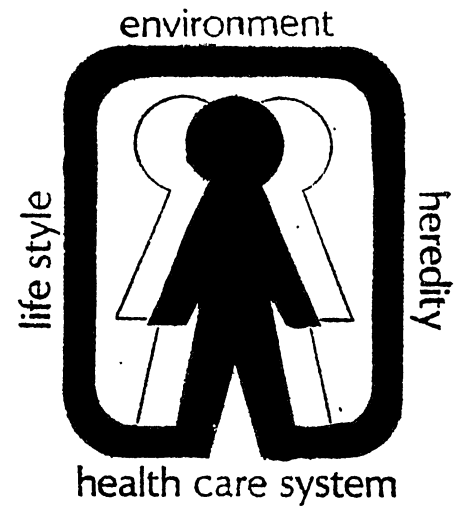
MAP A-MCH-1

MISSOURI



- METROPOLITAN REGIONAL PLANNING COMMISSION AREAS
- NON-METROPOLITAN REGIONAL PLANNING COMMISSION AREAS

HEALTH AND SOCIO-DEMOGRAPHIC RISK FACTORS



Identified Regional Planning Commission areas are those that fall into the upper quartile for each health and socio-demographic variables for 1978.

Source: Midwest Research Institute

- ① Premature Birth Rate
- ② Inadequate Prenatal Care
- ③ Non-white Birth Rate
- ④ Rate of Mothers Under 18
- ⑤ Rate of Mothers of Less Than High School Education
- ⑥ Illegitimate Birth Rate

PERINATAL DEATH RATES

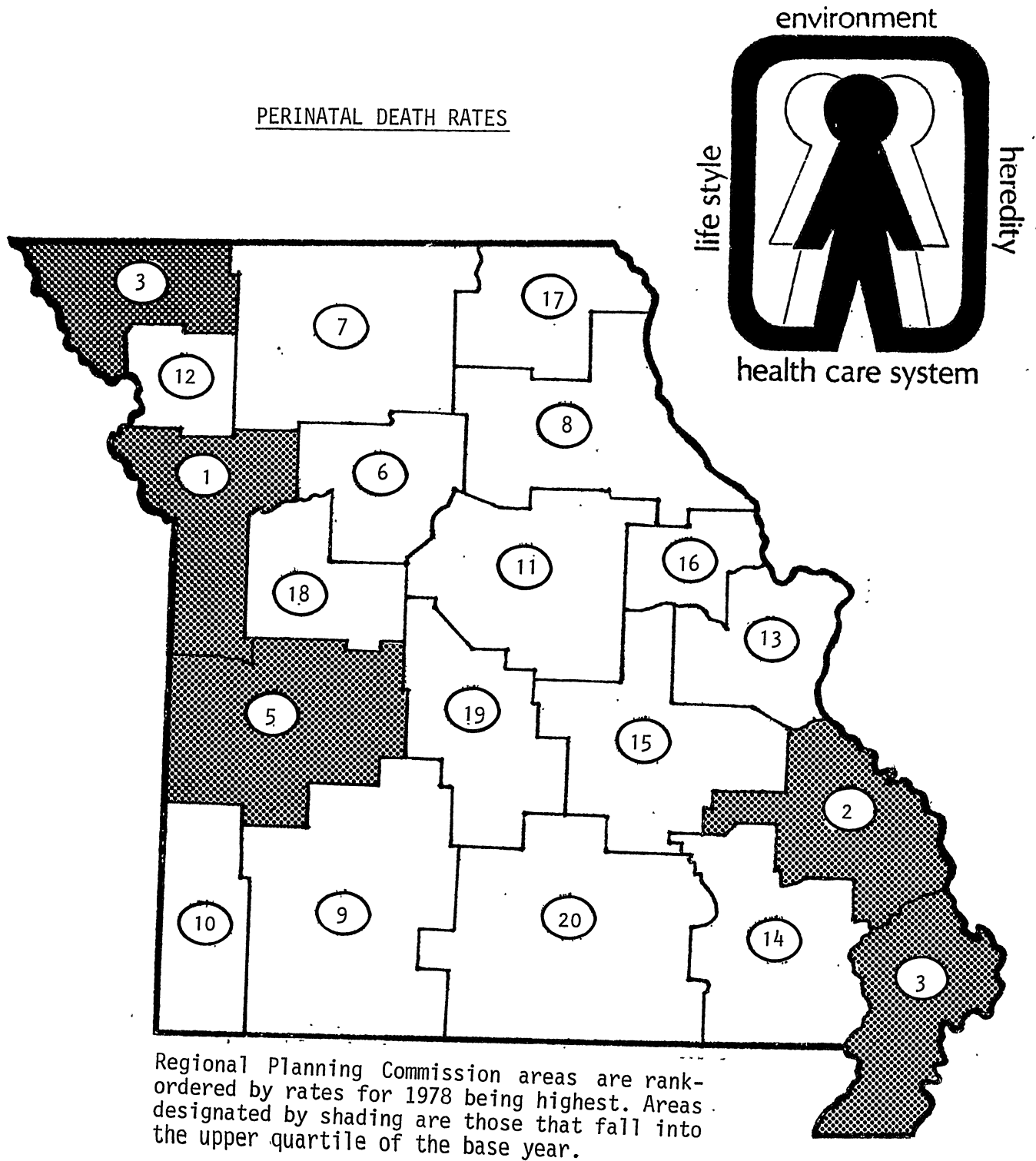


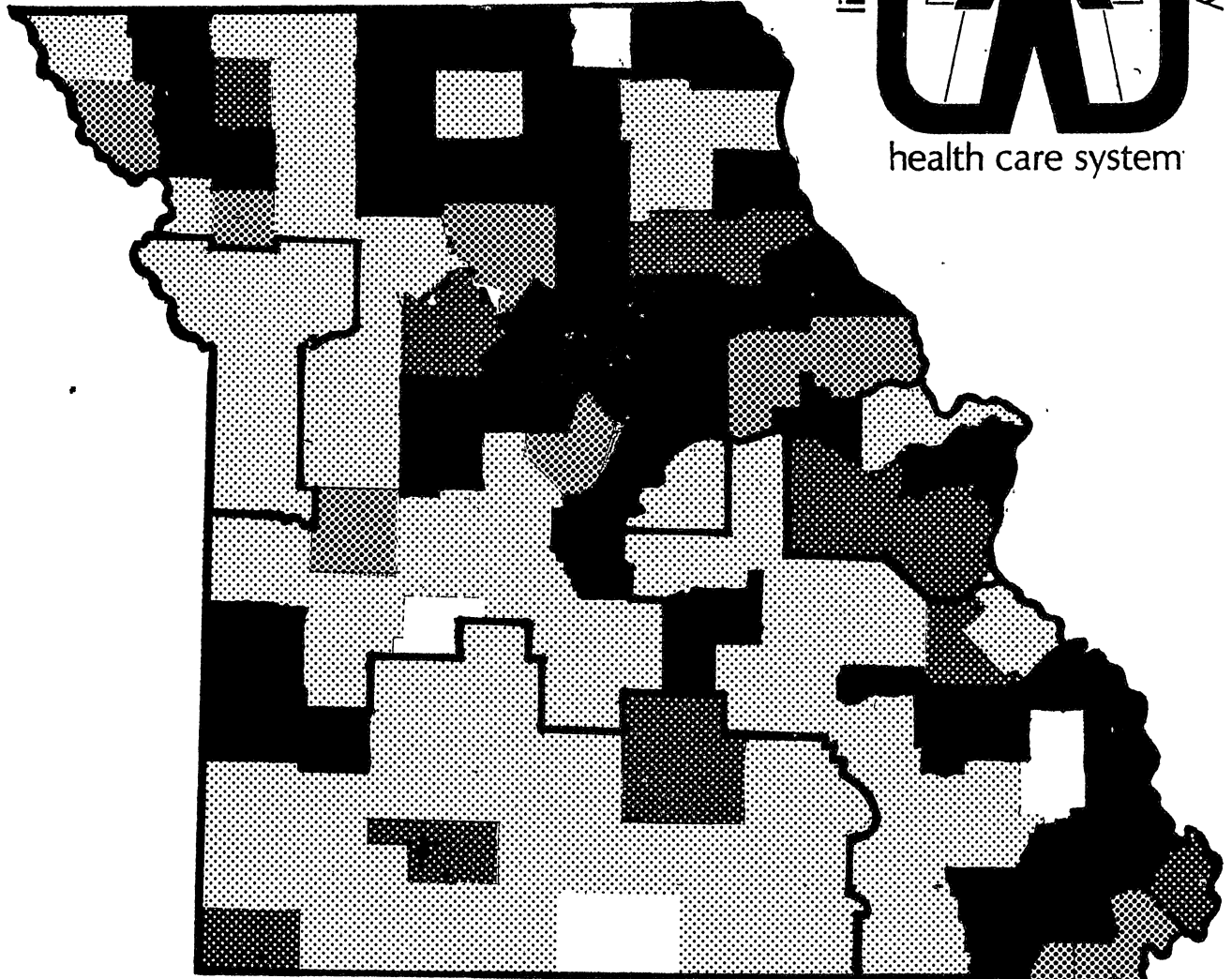
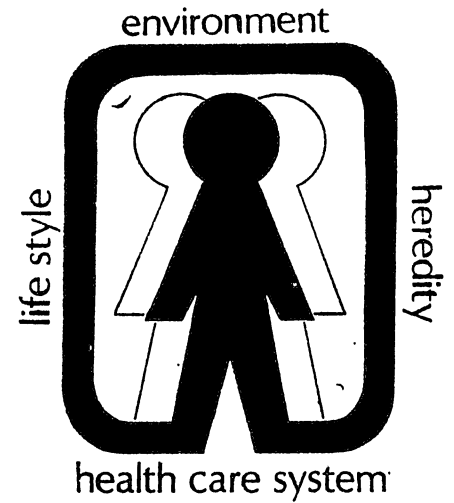
TABLE A-MCH-4

SUDDEN, INFANT DEATH SYNDROME
MISSOURI RESIDENTS, 1975-1979

RPC	1975	1976	1977	1978	1979	SIDS 1975-79	SIDS Rate Per 1,000 Live Births 1975-79	Residents Live Births 1975-79
Unknown RPC.....	0	0	0	1	0	1		
East-West Gateway.....	26	22	44	37	37	166	1.2	134,219
Mid-America.....	25	28	24	29	37	143	2.1	67,226
Southwest Missouri....	3	4	4	3	2	16		23,896
Mid-Missouri.....	4	3	5	4	2	18	1.0	17,813
Mo-Kan.....	2	2	1	4	5	14		9,183
Northwest Missouri....	1	0	0	0	1	2		3,386
Green Hills.....	1	2	2	0	1	6		5,947
Missouri Valley.....	0	0	0	0	2	2		3,360
Northeast Missouri....	0	0	1	1	0	2		3,219
Mark Twain.....	1	1	0	1	0	3		9,092
Boonslick.....	2	0	0	1	1	4		3,323
Ozark Gateway.....	0	2	0	2	1	5		10,491
Kaysinger Basin.....	1	4	1	0	2	8		5,955
Show-Me.....	1	1	0	1	1	4		7,756
South Central Ozark...	2	4	4	1	0	11		7,053
Meramec.....	1	1	2	0	1	5		7,341
Lake of the Ozarks....	4	2	2	4	1	13		8,963
Southeast Missouri....	0	3	1	0	6	10		11,400
Bootheel.....	5	2	4	5	6	22	1.5	14,209
Ozark Foothills.....	2	1	1	0	3	7		5,058
Total.....	81	82	96	94	109	462	1.3	358,890

Rates based upon less than 20 observations in the numerator
are poor estimates.

Source: Missouri Division of Health, Center for Vital Statistics.

FLUORIDATED WATER PATTERNS

Areas are designated by percentage of residents in counties with cities whose population size is 850 residents or over drinking water with an optimal fluoridation level.

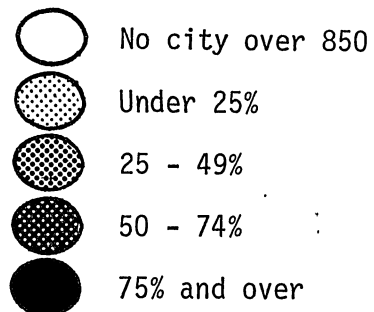
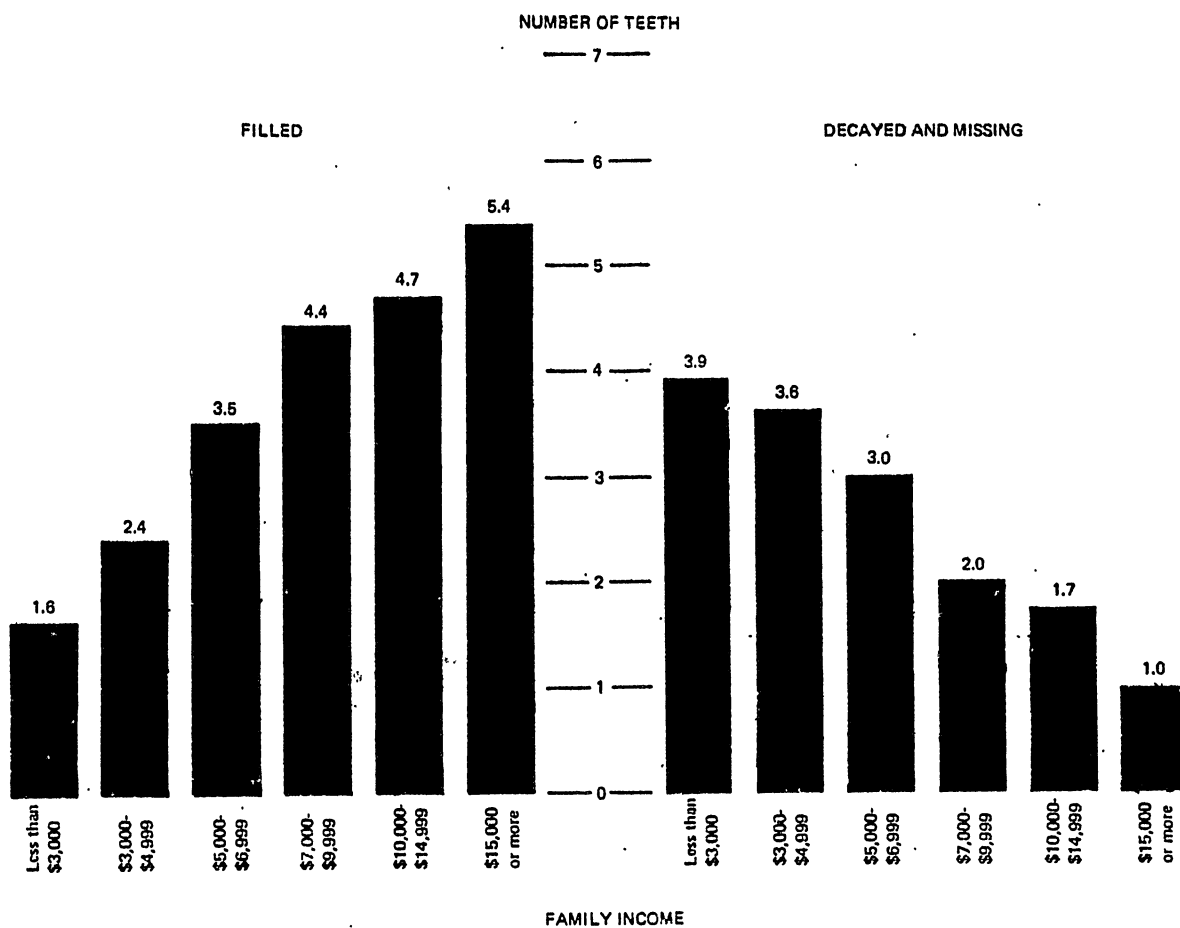


FIGURE A-MCH-3

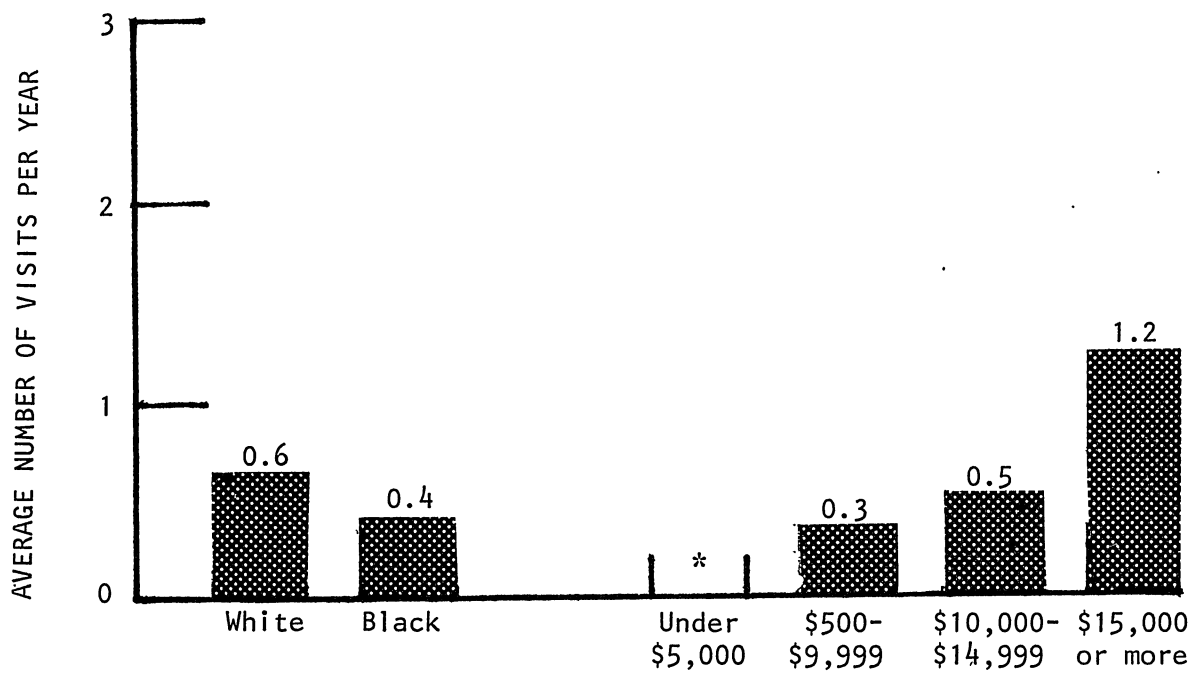
AVERAGE NUMBER OF FILLED AND OF DECAYED AND MISSING PERMANENT TEETH PER PERSON AGES 12-17 YEARS, BY FAMILY INCOME: UNITED STATES, 1966-70.



Source: National Center for Health Statistics: Decayed, Missing, and Filled Teeth Among Youths 12-17 Years, United States. Vital and Health Statistics, Series 11, No. 144. DHEW Pub. No. (HRA) 75.1626.

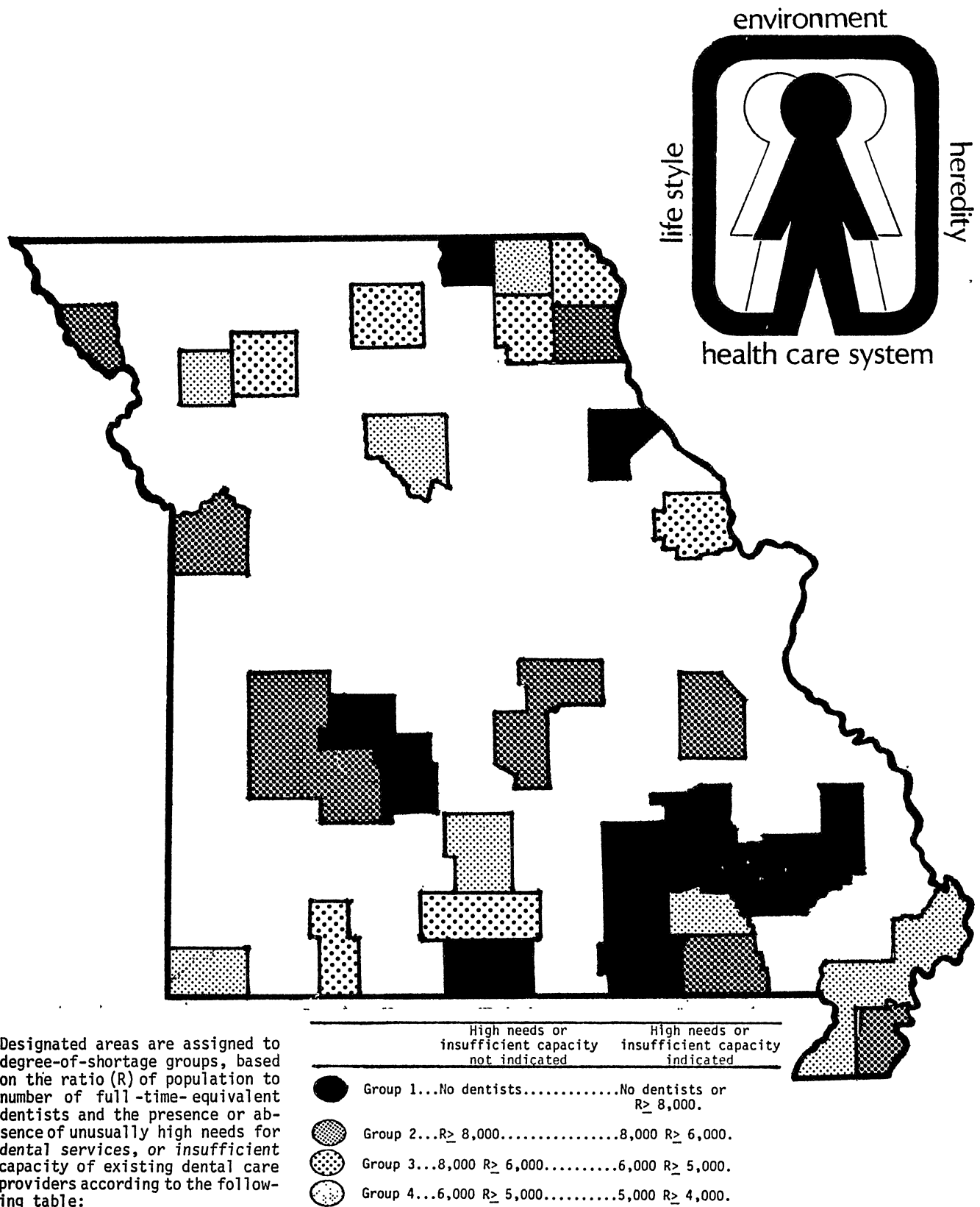
FIGURE A-MCH-4

NUMBER OF DENTAL VISITS PER PERSON PER YEAR FOR CHILDREN UNDER 6 YEARS OF AGE, BY COLOR AND FAMILY INCOME: UNITED STATES, 1973



Source: National Center for Health Statistics: Unpublished data from the Health Interview Survey.

DENTAL MANPOWER SHORTAGE AREAS



Source: Federal Register, November 17, 1980, pp. 76003-76005 and August 26, 1980, pp. 57060, 57061.

CRIPPLED CHILDREN SERVICE DISTRICTS

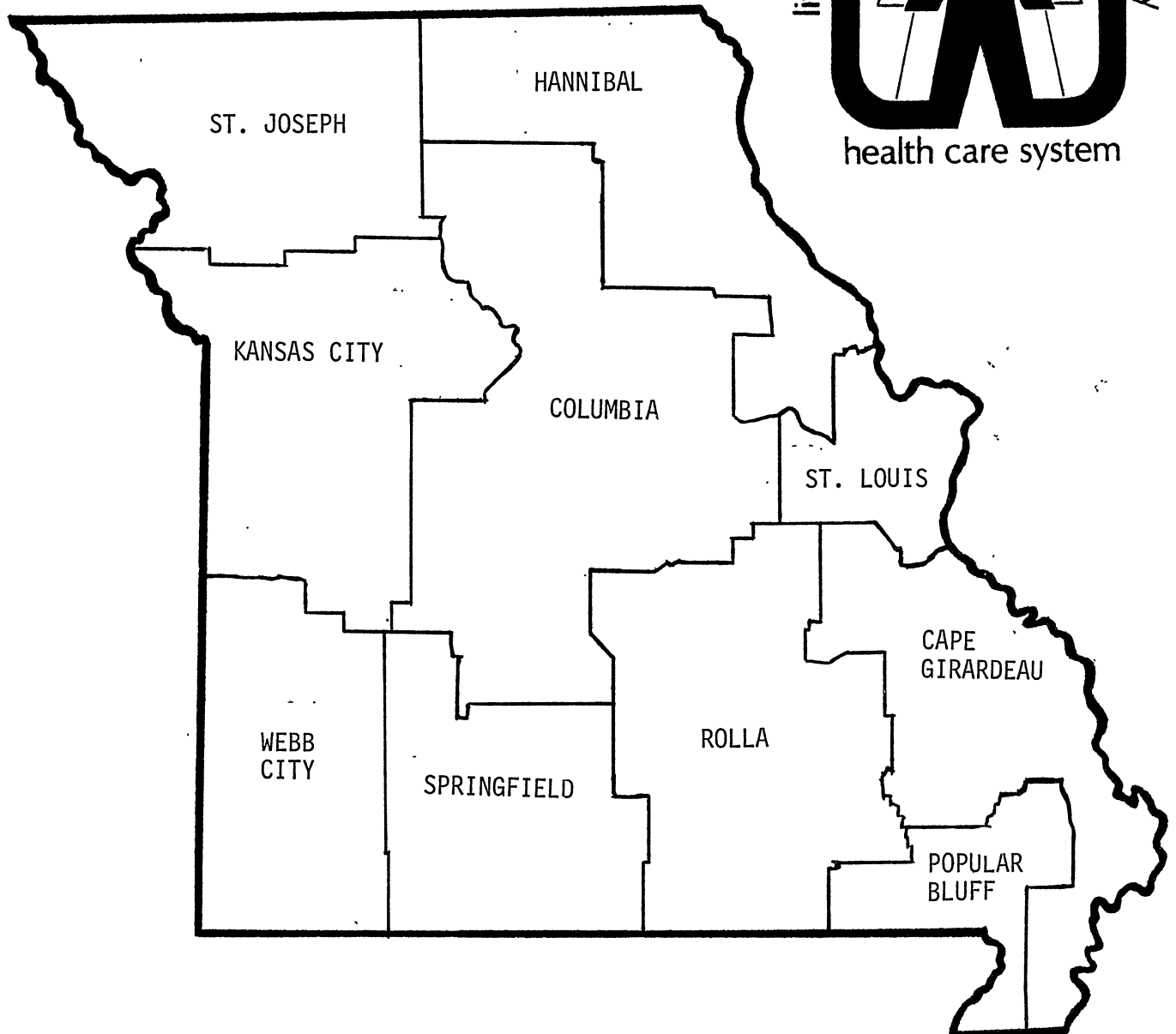


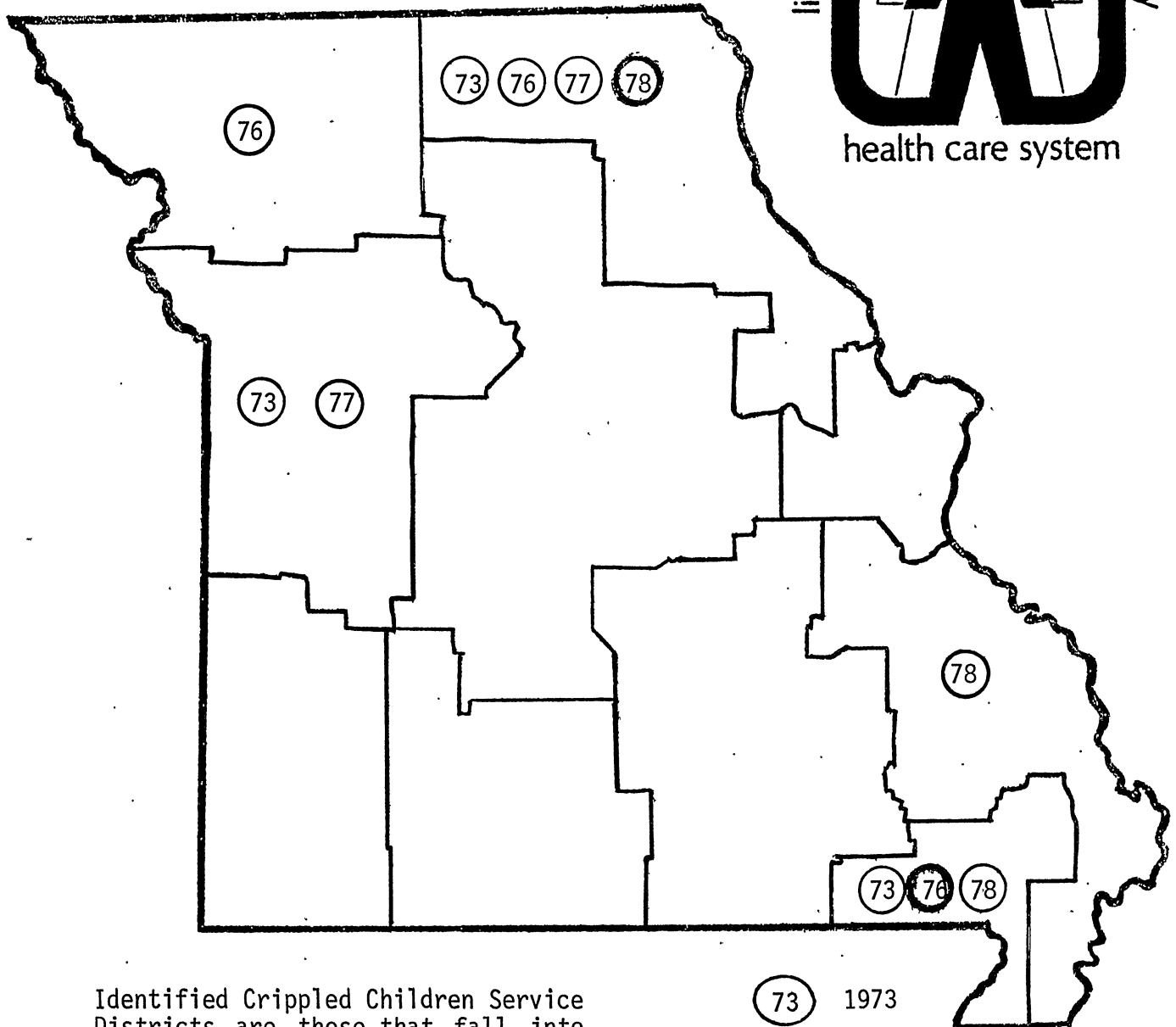
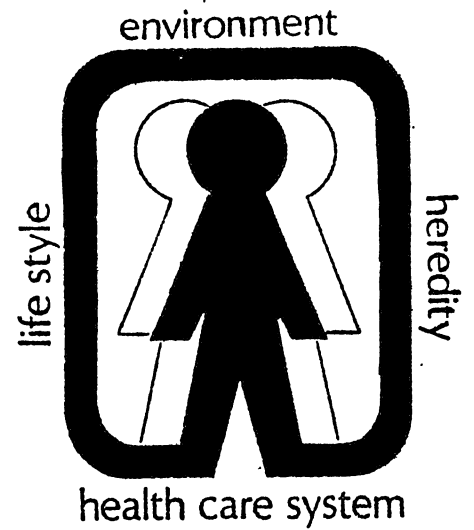
TABLE A-MCH-5

NUMBER OF CHILDREN TREATED AND COSTS PER TOP
SEVEN CONDITIONS FY 1977-1979

<u>Condition</u>	<u>Treated Children</u>			<u>Costs (\$000)</u>		
	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>
Bone and Joint	2,402	2,131	2,290	\$392	\$495	\$ 743
Cerebral Palsy	1,691	1,563	1,758	226	358	532
Meningomyelocele	1,407	1,369	1,465	452	742	1,003
Heart and Vessels	1,147	1,263	1,445	419	741	827
Epilepsy	1,059	1,087	1,339	225	363	551
Speech and Hearing	1,025	1,003	1,304	176	252	373
Cleft Lip and Palate	<u>1,330</u>	<u>1,341</u>	<u>1,038</u>	<u>291</u>	<u>358</u>	<u>428</u>
TOTAL	10,061	9,757	10,639	\$2,181	\$3,309	\$4,457
Percentage Change	(-3.0)	(+9.0)		(+51.7)	(+34.7)	

Source: CCS

CONGENITAL ANOMALIES/BIRTH INJURIES



Identified Crippled Children Service Districts are those that fall into the upper three Districts by rates of Congenital Anomalies/Birth Injuries by year.

- 73 1973
- 76 1976
- 77 1977
- 78 1978

TABLE A-MCH-6

CONGENITAL ANOMALIES/BIRTH INJURIES
(RATES PER 1,000 LIVE BIRTHS)
CCS DISTRICTS
YEARS 1973, 1976, 1977, 1978

<u>District</u>	<u>1973</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
Hannibal	41.3	25.4	34.1	31.5
Poplar Bluff	34.1	20.7	18.0	16.9
Kansas City	23.0	14.3	23.1	14.7
Webb City	22.4	15.0	11.4	11.5
Rolla	21.8	14.9	11.2	13.3
Cape Girardeau	21.3	12.9	18.0	25.5
Columbia	18.4	14.1	15.8	11.7
St. Louis	17.0	12.3	12.2	9.2
St. Joseph	14.7	16.5	14.1	13.2
Springfield	13.0	7.0	10.6	8.9

TABLE A-MCH-7

CONGENITAL ANOMALIES/BIRTH INJURIES
FOR 1973, 1976, 1977, 1978

	<u>1973</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
Total Births	68,605	68,781	72,957	72,654
No Defects	67,231	67,838	71,776	71,703
Cleft Palate and/or Harelip	62	59	78	74
Birth Injury	189	181	313	-
Clubfoot	68	66	62	60
Spina Bifida	31	27	19	24
Birth Marks	6	2	8	9
Extra Parts or Absence of Parts	81	72	81	87
Cerebral Palsy	-	-	-	-
Webbed Fingers and/or Toes	13	8	10	13
Dislocated Hips	12	5	13	14
Hypospadias	52	29	44	42
All Other	442	341	408	382
Unknown	418	153	145	246
Percent Defects	2%	1.4%	1.6%	1.3%

Source: Missouri Center for Health Statistics.

Outpatient Services

MAINTENANCE SERVICES

Home Health Care Services Available
Through 46 Certified Home Health
Agencies in 114 Counties and the City
of St. Louis - March 1, 1979

A-M-1

- 1 - Nursing Services
- 2 - Speech Therapy
- 3 - Physical Therapy
- 4 - Occupational Therapy
- 5 - Medical Social Services
- 6 - Home Health Aide Services
- X - These counties, although they are in the service area of certified home health agencies, have a low utilization of services.
- * - Division of Family Services Adult Caseworker.

Source: Division of Health

